					DEPARTMENT	T OF NA	F UTAH TURAL RES GAS AND M				AMENI	FO DED REPOR	RM 3	
		AF	PLICATION	FOR PEI	RMIT TO DRILL					1. WELL NAME and N	JMBER GMBU 2	-26-9-15		
2. TYPE O	F WORK	DRILL NEW WELL	REENTI	ER P&A W	/ELL DEEPEN	I WELL [	)			3. FIELD OR WILDCA		NT BUTTE		
4. TYPE O	F WELL				Methane Well: NO					5. UNIT or COMMUNI	FIZATION GMBU (		ENT NAM	IE
6. NAME C	F OPERATOR		NEWFIELD PR							7. OPERATOR PHONE	`			
8. ADDRES	SS OF OPERAT	OR	Rt 3 Box 363							9. OPERATOR E-MAIL	-	ewfield.co	m	
	AL LEASE NUM		- K 0 B0X 000	11.	. MINERAL OWNERS	-			is .	12. SURFACE OWNER	SHIP			
		UTU-66185 OWNER (if box 12 :	- 'foo'\		FEDERAL (III) INC	DIAN ()	) STATE (	) FEE(	2	FEDERAL INI	DIAN ()	STATE		EE(_)
		`	, 									`		
15. ADDRI	ESS OF SURFA	CE OWNER (if box	12 = 'fee')							16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')  18. INTEND TO COMMINGLE P MULTIPLE FORMATIONS								NFROM		19. SLANT				
								ion) NO [	0	VERTICAL DIF	RECTIONA	AL D H	IORIZONT	AL 🔵
20. LOCA	20. LOCATION OF WELL FOOT			FOOT	AGES	QT	R-QTR	SECTI	ON	TOWNSHIP	R/	ANGE	МЕ	RIDIAN
LOCATIO	N AT SURFACE		6	92 FSL ′	1820 FEL	S	SWSE	23		9.0 S	15	5.0 E		S
Top of Uppermost Producing Zone 647 FNL			47 FNL 1	1950 FEL	N	WNE	26		9.0 S	15	5.0 E		S	
At Total Depth 647 FNL 1950					1950 FEL	N	IWNE	26				5.0 E		S
21. COUNTY  DUCHESNE  22. DISTANCE TO NEAREST LEASE LINE (F								eet)		23. NUMBER OF ACRI	ES IN DRI 4		IT	
25. DISTANCE TO NEAREST V (Applied For Drilling or Com								POOL		26. PROPOSED DEPTI		TVD: 612	5	
27. ELEV	TION - GROUN	ID LEVEL 6361		28.	. BOND NUMBER	WYB0	000493			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478				
					Hole, Casing	j, and C	ement Info	ormation						
String	Hole Size	Casing Size	Length	Weigh			Max Mu			Cement		Sacks	Yield	Weight
Surf	12.25 7.875	8.625 5.5	0 - 300	24.0 15.5			8.3		Dron	Class G	ath	138	3.26	15.8
Fiou	7.073	3.3	0 - 0290	13.3	3-33 E16	ac	0.0		FIEII	50/50 Poz	igiii	363	1.24	14.3
					A	ATTACH	IMENTS	<u> </u>						
	VER	IFY THE FOLLO	WING ARE A	TTACHE	ED IN ACCORDAN	NCE WIT	TH THE UT	AH OIL AN	D GAS	CONSERVATION G	ENERA	L RULES		
<b>✓</b> w	ELL PLAT OR M	AP PREPARED BY I	LICENSED SUR	VEYOR O	R ENGINEER		<b>⊯</b> com	IPLETE DRIL	LING PI	_AN				
AF	FIDAVIT OF STA	ATUS OF SURFACE	OWNER AGRE	EMENT (IF	F FEE SURFACE)		FORM	M 5. IF OPER	ATOR IS	S OTHER THAN THE LE	EASE OW	NER		
✓ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)							торо	OGRAPHICAI	L MAP					
NAME Mandie Crozier TITLE Regulatory Tech									PHOI	NE 435 646-4825				
SIGNATU	RE				<b>DATE</b> 08/29/201	3			EMAI	L mcrozier@newfield.c	com			
	BER ASSIGNED 01352457(	0000			APPROVAL				B	acyill				
					Pe	rmit Manager								

# NEWFIELD PRODUCTION COMPANY GMBU 2-26-9-15 AT SURFACE: SW/SE SECTION 23, T9S R15E DUCHESNE COUNTY, UTAH

#### TEN POINT DRILLING PROGRAM

#### 1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

#### 2. <u>ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:</u>

Uinta 0' - 3,520' Green River 3,520' Wasatch 5.975'

**Proposed TD** 6,296'(MD) 6,125' (TVD)

#### 3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation (Oil) 3,520' – 5,975'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval Date Sampled Flow Rate Temperature

Hardness pH

Water Classification (State of Utah)

Dissolved Iron (Fe) (ug/l)

Dissolved Magnesium (Mg) (mg/l)

Dissolved Bicarbonate (NaHCO<sub>3</sub>) (mg/l)

Dissolved Sulfate (SO<sub>4</sub>) (mg/l)

Dissolved Total Solids (TDS) (mg/l)

RECEIVED: August 29, 2013

#### 4. PROPOSED CASING PROGRAM

a. Casing Design: GMBU 2-26-9-15

Size	Interval		Maiabt	Grade	Coupling	Design Factors			
Size	Тор	Bottom	Weight	Grade	Coupling	Burst	Collapse	Tension	
Surface casing	0'	300'	24.0	J-55	STC	2,950	1,370	244,000	
8-5/8"	U			J-55		17.53	14.35	33.89	
Prod casing	O'	6 206'	15.5	J-55	LTC	4,810	4,040	217,000	
5-1/2"	0'	6,296'				2.40	2.02	2.22	

#### Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
Pore pressure at surface casing shoe = 8.33 ppg
Pore pressure at prod casing shoe = 8.33 ppg
Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: GMBU 2-26-9-15

Job	Fill	Description	Sacks ft <sup>3</sup>	OH Excess*	Weight (ppg)	Yield (ft³/sk)	
Surface casing	300'	Class G w/ 2% CaCl	138	30%	15.8	1.17	
Ourrace casing	300	01833 0 W/ 270 0801	161	30 70	15.0		
Prod casing	4,296'	Prem Lite II w/ 10% gel + 3%	297	30%	44.0	2.26	
Lead	4,296	KCI	968	30%	11.0	3.26	
Prod casing	2 000	50/50 Poz w/ 2% gel + 3%	363	200/	14.2	1.04	
Tail	2,000'	KCI	451	30%	14.3	1.24	

<sup>\*</sup>Actual volume pumped will be 15% over the caliper log

- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

#### 5. <u>MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL</u>:

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

#### 6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

From surface to ±300 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ±300 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

#### 7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

#### 8. <u>TESTING, LOGGING AND CORING PROGRAMS</u>:

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

#### 9. <u>ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE</u>:

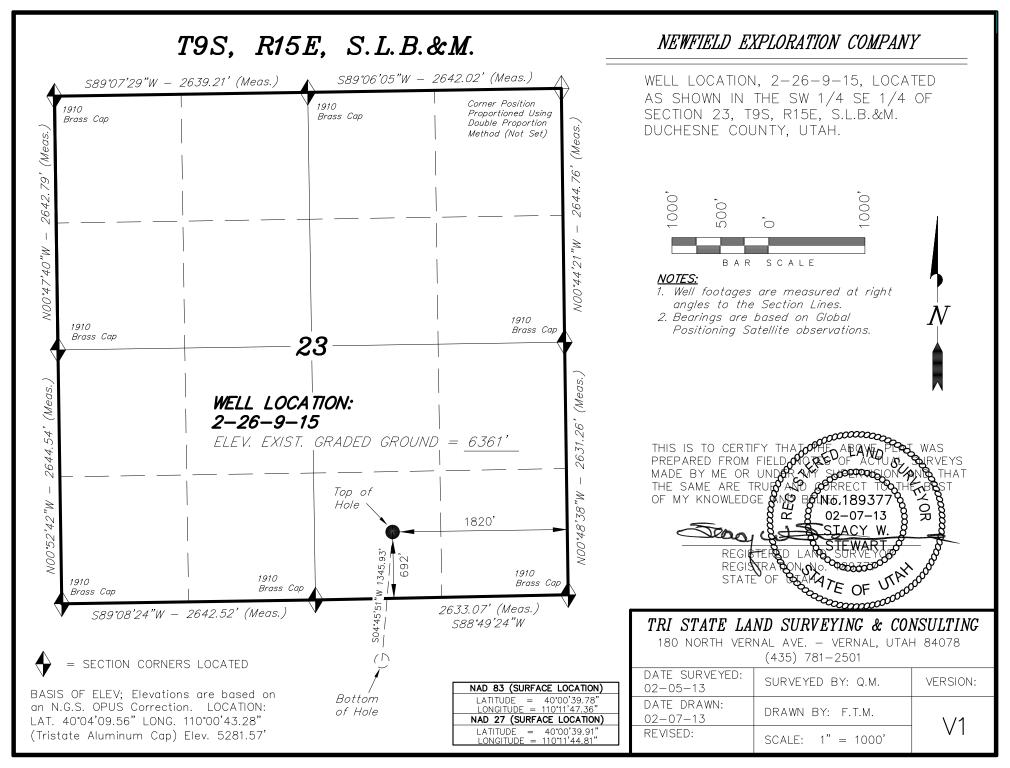
No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

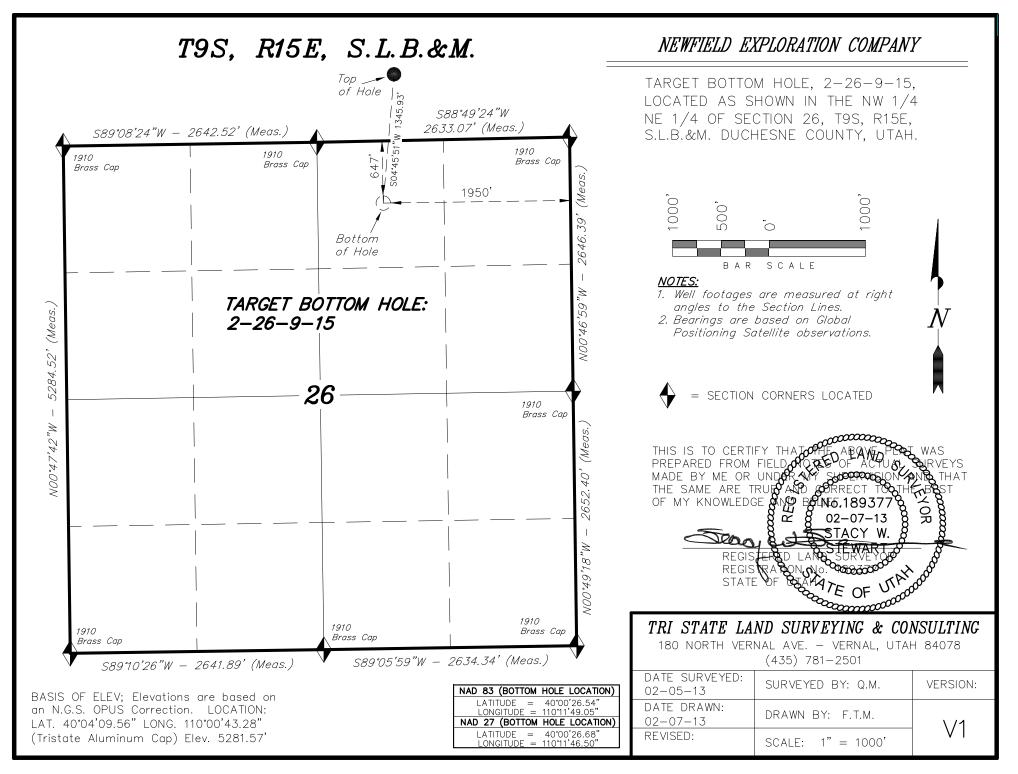
bottomhole pressure will approximately equal total depth in feet multiplied by a  $0.433~\mathrm{psi/foot}$  gradient.

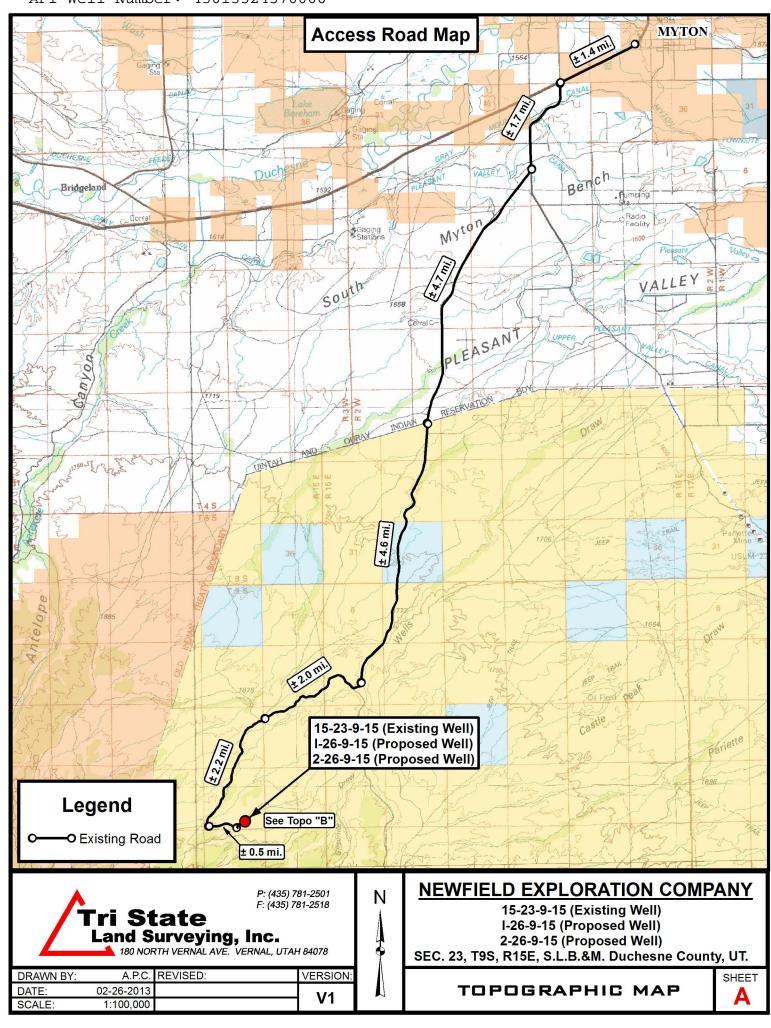
#### 10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

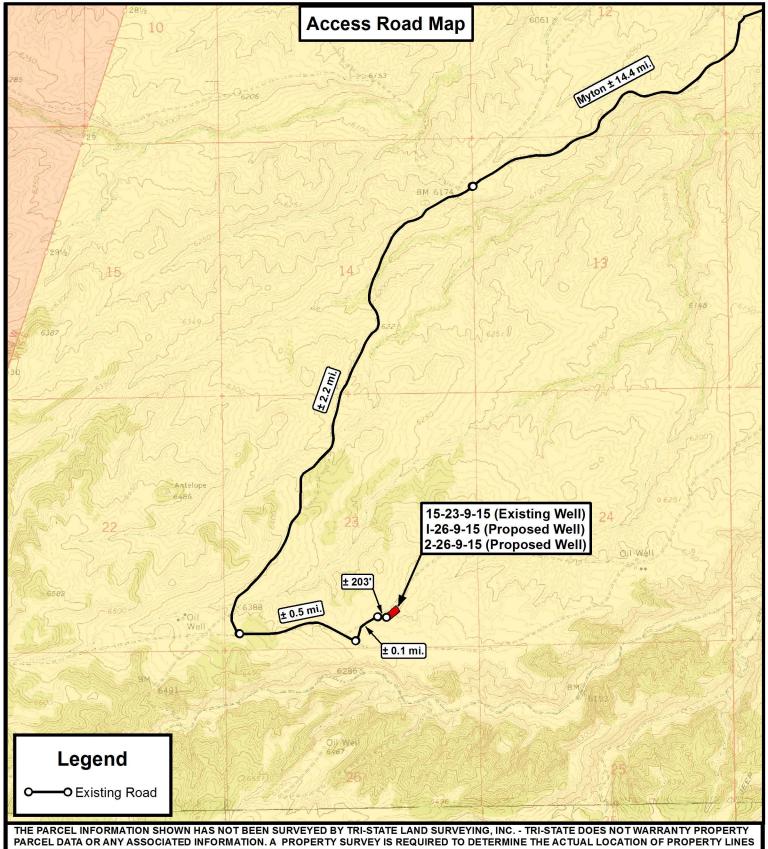
It is anticipated that the drilling operations will commence the first quarter of 2014, and take approximately seven (7) days from spud to rig release.

RECEIVED: August 29, 2013



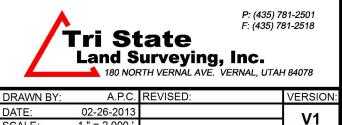






PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Ν



1 " = 2,000

SCALE

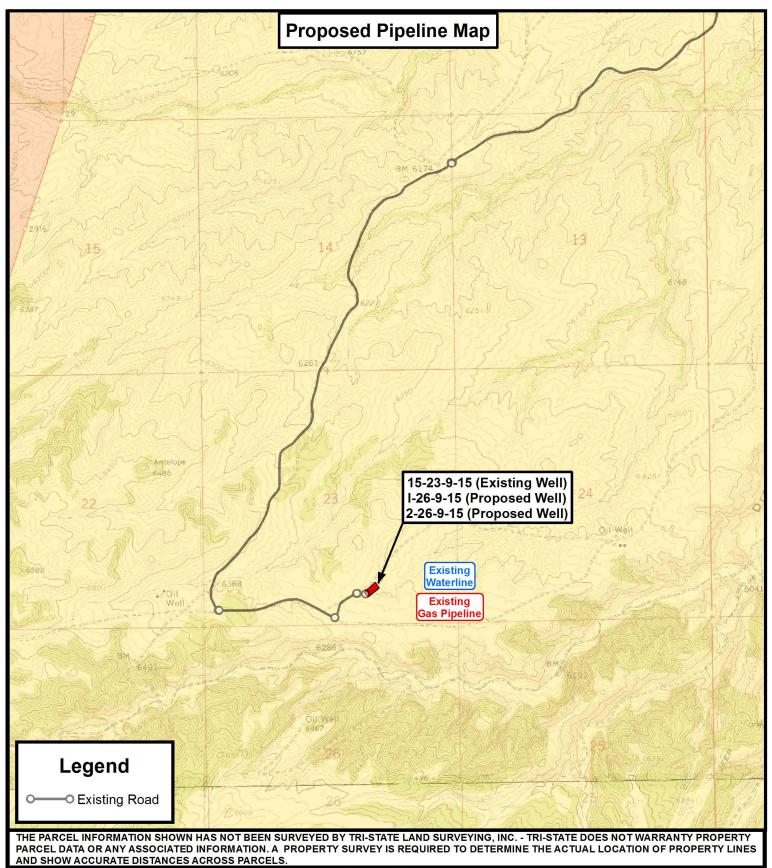
### **NEWFIELD EXPLORATION COMPANY**

15-23-9-15 (Existing Well) I-26-9-15 (Proposed Well) 2-26-9-15 (Proposed Well)

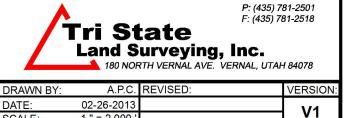
SEC. 23, T9S, R15E, S.L.B.&M. Duchesne County, UT.

TOPOGRAPHIC MAP





Ν



1 " = 2,000

SCALE

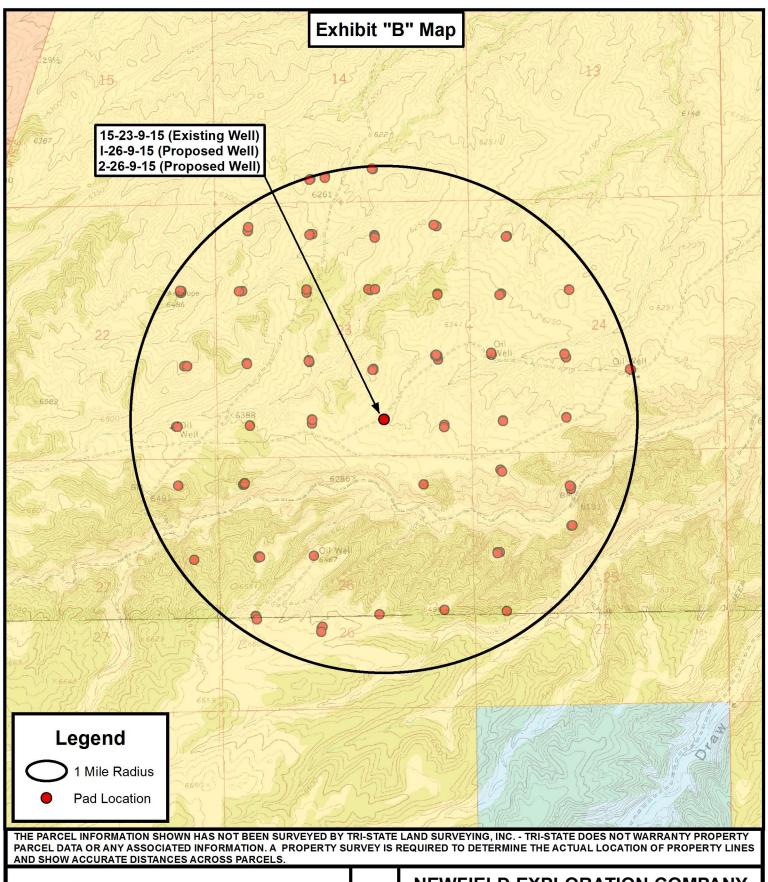
## **NEWFIELD EXPLORATION COMPANY**

15-23-9-15 (Existing Well) I-26-9-15 (Proposed Well) 2-26-9-15 (Proposed Well)

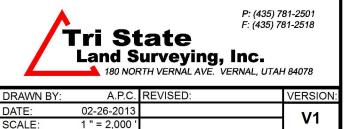
SEC. 23, T9S, R15E, S.L.B.&M. Duchesne County, UT.

TOPOGRAPHIC MAP





N



## NEWFIELD EXPLORATION COMPANY

15-23-9-15 (Existing Well) I-26-9-15 (Proposed Well) 2-26-9-15 (Proposed Well) SEC. 23, T9S, R15E, S.L.B.&M. Duchesne County, UT.

TOPOGRAPHIC MAP



Well Number         Feature Type         Latitude (NAD 83) (DMS)         Longitude (NAD 83)           15-23-9-15         Surface Hole         40° 00' 40.20" N         110° 11' 47	
15-23-9-15 Surface Hole 40° 00' 40.20" N 110° 11' 47	
	.31" W
I-26-9-15 Surface Hole 40° 00' 39.99" N 110° 11' 47	.33" W
2-26-9-15 Surface Hole 40° 00' 39.78" N 110° 11' 47	.36" W
I-26-9-15 Center of Pattern 40° 00' 20.28" N 110° 11' 41	.67" W
I-26-9-15 Bottom of Hole 40° 00' 12.70" N 110° 11' 39	.49" W
2-26-9-15 Bottom of Hole 40° 00' 26.54" N 110° 11' 49	.05" W
Well Number Feature Type Latitude (NAD 83) (DD) Longitude (NA	D 83) (DD)
15-23-9-15 Surface Hole 40.011165 110.196	474
I-26-9-15 Surface Hole 40.011107 110.196	481
2-26-9-15 Surface Hole 40.011049 110.196	489
I-26-9-15 Center of Pattern 40.005634 110.194	907
I-26-9-15 Bottom of Hole 40.003528 110.194	302
2-26-9-15 Bottom of Hole 40.007373 110.196	957
Well Number Feature Type Northing (NAD 83) (UTM Meters) Longitude (NAD 83)	) (UTM Meters)
15-23-9-15 Surface Hole 4429305.639 568577.	946
I-26-9-15 Surface Hole 4429299.201 568577.	385
2-26-9-15 Surface Hole 4429292.764 568576.	825
I-26-9-15 Center of Pattern 4428692.964 568717.	216
I-26-9-15 Bottom of Hole 4428459.608 568771.	041
2-26-9-15 Bottom of Hole 4428884.381 568540.	502
Well Number Feature Type Latitude (NAD 27) (DMS) Longitude (NAD	
15-23-9-15 Surface Hole 40° 00' 40.33" N 110° 11' 44	
I-26-9-15 Surface Hole 40° 00' 40.12" N 110° 11' 44	
2-26-9-15 Surface Hole 40° 00' 39.91" N 110° 11' 44	.81" W
I-26-9-15 Center of Pattern 40° 00' 20.42" N 110° 11' 39	.12" W
I-26-9-15 Bottom of Hole 40° 00' 12.83" N 110° 11' 36	.94" W
2-26-9-15 Bottom of Hole 40° 00' 26.68" N 110° 11' 46	.50" W
Well Number Feature Type Latitude (NAD 27) (DD) Longitude (NA	D 27) (DD)
15-23-9-15 Surface Hole 40.011203 110.195	766
I-26-9-15 Surface Hole 40.011145 110.195	773
2-26-9-15 Surface Hole 40.011087 110.195	781
I-26-9-15 Center of Pattern 40.005672 110.194	199
I-26-9-15 Bottom of Hole 40.003565 110.193	593
2-26-9-15 Bottom of Hole 40.007411 110.196	249



P: (435) 781-2501 F: (435) 781-2518

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

## **NEWFIELD EXPLORATION COMPANY**

15-23-9-15 (Existing Well) I-26-9-15 (Proposed Well) 2-26-9-15 (Proposed Well)

SEC. 23, T9S, R15E, S.L.B.&M. Duchesne County, UT.

DRAWN BY: **REVISED**: A.P.C. DATE: 02-26-2013 VERSION:

COORDINATE REPORT

SHEET

	Coordina	te Report		
Well Number	Feature Type	Northing (NAD 27) (UTM Meters)	Longitude (NAD	27) (UTM Meters)
15-23-9-15	Surface Hole	4429100.292	56864	0.145
I-26-9-15	Surface Hole	4429093.855	56863	9.584
2-26-9-15	Surface Hole	4429087.417	56863	9.024
I-26-9-15	Center of Pattern	4428487.616	56877	9.420
I-26-9-15	Bottom of Hole	4428254.260	56883	3.246
2-26-9-15	Bottom of Hole	4428679.033	56860	2.704
<b>I</b>				
<b>+</b>				
<u> </u>				
<b>I</b>				
<b>I</b>				
+				
<b>I</b>				
<b>I</b>				
<b>A</b>	P: (435) 781-2501	NEWFIELD EXPLO	RATION CO	<u>MPANY</u>
T.: 04-4	F: (435) 781-2518	15-23-9-15 <i>(</i> F	existing Well)	
Tri State		-	oposed Well)	
Land Surve	eying, Inc. NAL AVE. VERNAL, UTAH 84078	_	oposed Well)	
100 NORTH VERI	IVAL AVE. VERIVAL, UTAN 040/0	SEC. 23, T9S, R15E, S.L.B.		County, UT.
DRAWN BY: A.P.C. R	REVISED:	•		SHEET
DATE: 02-26-2013		COORDINATE R	REPORT	2
VERSION: V1				2



## **NEWFIELD EXPLORATION**

USGS Myton SW (UT) SECTION 23 T9, R15 2-26-9-15

Wellbore #1

Plan: Design #1

## **Standard Planning Report**

29 August, 2013





#### **Payzone Directional**

#### Planning Report



Database:EDM 2003.21 Single User DbCompany:NEWFIELD EXPLORATIONProject:USGS Myton SW (UT)Site:SECTION 23 T9, R15

 Well:
 2-26-9-15

 Wellbore:
 Wellbore #1

 Design:
 Design #1

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well 2-26-9-15

2-26-9-15 @ 6371.0ft (Original Well Elev) 2-26-9-15 @ 6371.0ft (Original Well Elev)

True

Minimum Curvature

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System: US State Plane 1983

Geo Datum: North American Datum 1983

Map Zone: Utah Central Zone

System Datum: Mean Sea Level

Site SECTION 23 T9, R15

Northing: 7,176,780.93 ft Latitude: 40° 0' 53.180 N Site Position: Lat/Long Easting: 2,006,598.67 ft 110° 11' 33.050 W From: Longitude: **Position Uncertainty:** 0.0 ft Slot Radius: Grid Convergence: 0.84

Well 2-26-9-15, SHL LAT: 40 00 39.78 LONG: -110 11 47.36

 Well Position
 +N/-S
 -1,355.9 ft
 Northing:
 7,175,408.99 ft
 Latitude:
 40° 0' 39.780 N

 +E/-W
 -1,113.3 ft
 Easting:
 2,005,505.24 ft
 Longitude:
 110° 11' 47.360 W

Position Uncertainty 0.0 ft Wellhead Elevation: 6,371.0 ft Ground Level: 6,361.0 ft

Wellbore #1 Wellbore Magnetics **Model Name** Sample Date Declination Dip Angle Field Strength (°) (°) (nT) 65.69 52,009 IGRF2010 8/29/2013 11.08

Design	Design #1					
Audit Notes:						
Version:		Phase:	PROTOTYPE	Tie On Depth:	0.0	
Vertical Section:		Depth From (TVD)	+N/-S	+E/-W	Direction	
		(ft)	(ft)	(ft)	(°)	
		0.0	0.0	0.0	184.76	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,600.2	15.00	184.76	1,588.8	-129.8	-10.8	1.50	1.50	0.00	184.76	
6,296.5	15.00	184.76	6,125.0	-1,341.3	-111.7	0.00	0.00	0.00	0.00 2	2-26-9-15 TGT

RECEIVED: August 29, 2013



#### **Payzone Directional**

Planning Report



Database: EDM 2003.21 Single User Db Company: NEWFIELD EXPLORATION Project: USGS Myton SW (UT) Site: SECTION 23 T9, R15

 Well:
 2-26-9-15

 Wellbore:
 Wellbore #1

 Design:
 Design #1

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well 2-26-9-15

2-26-9-15 @ 6371.0ft (Original Well Elev) 2-26-9-15 @ 6371.0ft (Original Well Elev)

True

Minimum Curvature

ign:	Design #1								
ned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 1									
700.0	1.50	184.76	700.0	-1.3	-0.1	1.3	1.50	1.50	0.00
800.0	3.00	184.76	799.9	-5.2	-0.4	5.2	1.50	1.50	0.00
900.0	4.50	184.76	899.7	-11.7	-1.0	11.8	1.50	1.50	0.00
1,000.0	6.00	184.76	999.3	-20.9	-1.7	20.9	1.50	1.50	0.00
1,100.0	7.50	184.76	1,098.6	-32.6	-2.7	32.7	1.50	1.50	0.00
1,200.0	9.00	184.76	1,197.5	-46.9	-3.9	47.0	1.50	1.50	0.00
1,300.0	10.50	184.76	1,296.1	-63.7	-5.3	64.0	1.50	1.50	0.00
1,400.0	12.00	184.76	1,394.2	-83.2	-6.9	83.5	1.50	1.50	0.00
1,500.0	13.50	184.76	1,491.7	-105.2	-8.8	105.5	1.50	1.50	0.00
1,600.2	15.00	184.76	1,588.8	-129.8	-10.8	130.2	1.50	1.50	0.00
Start 4696.3	hold at 1600.2 M	ID							
1,700.0	15.00	184.76	1,685.2	-155.5	-12.9	156.0	0.00	0.00	0.00
1,800.0	15.00	184.76	1,781.8	-181.3	-15.1	181.9	0.00	0.00	0.00
1,900.0	15.00	184.76	1,878.4	-207.1	-17.2	207.8	0.00	0.00	0.00
					40.4	222.7			
2,000.0	15.00	184.76	1,975.0	-232.9	-19.4	233.7	0.00	0.00	0.00
2,100.0	15.00	184.76	2,071.6	-258.7	-21.5	259.6	0.00	0.00	0.00
2,200.0	15.00	184.76	2,168.2	-284.5	-23.7	285.5	0.00	0.00	0.00
2,300.0 2,400.0	15.00 15.00	184.76 184.76	2,264.8 2,361.3	-310.3 -336.1	-25.8 -28.0	311.4 337.2	0.00 0.00	0.00 0.00	0.00 0.00
2,400.0	15.00	104.70	2,301.3	-330.1			0.00		0.00
2,500.0	15.00	184.76	2,457.9	-361.9	-30.1	363.1	0.00	0.00	0.00
2,600.0	15.00	184.76	2,554.5	-387.7	-32.3	389.0	0.00	0.00	0.00
2,700.0	15.00	184.76	2,651.1	-413.5	-34.4	414.9	0.00	0.00	0.00
2,800.0	15.00	184.76	2,747.7	-439.3	-36.6	440.8	0.00	0.00	0.00
2,900.0	15.00	184.76	2,844.3	-465.1	-38.7	466.7	0.00	0.00	0.00
3.000.0	15.00	184.76	2,940.9	-490.9	-40.9	492.6	0.00	0.00	0.00
3,100.0	15.00	184.76	3,037.5	-516.7	-43.0	518.5	0.00	0.00	0.00
3,200.0	15.00	184.76	3,134.1	-542.5	-45.2	544.3	0.00	0.00	0.00
3,300.0	15.00	184.76	3,230.7	-568.3	-47.3	570.2	0.00	0.00	0.00
3,400.0	15.00	184.76	3,327.3	-594.1	-49.5	596.1	0.00	0.00	0.00
3,500.0	15.00	184.76	3,423.8	-619.9	-51.6	622.0	0.00	0.00	0.00
3,600.0	15.00 15.00	184.76	3,520.4	-645.7	-53.8	647.9	0.00	0.00	0.00
3,700.0 3,800.0	15.00 15.00	184.76 184.76	3,617.0 3,713.6	-671.5	-55.9 58.1	673.8	0.00	0.00	0.00 0.00
3,800.0	15.00 15.00	184.76 184.76	3,713.6 3,810.2	-697.3 -723.1	-58.1 -60.2	699.7 725.6	0.00 0.00	0.00 0.00	0.00
4,000.0	15.00	184.76	3,906.8	-748.8	-62.4	751.4	0.00	0.00	0.00
4,100.0	15.00	184.76	4,003.4	-774.6	-64.5	777.3	0.00	0.00	0.00
4,200.0	15.00	184.76	4,100.0	-800.4	-66.7	803.2	0.00	0.00	0.00
4,300.0	15.00	184.76	4,196.6	-826.2	-68.8	829.1	0.00	0.00	0.00
4,400.0	15.00	184.76	4,293.2	-852.0	-70.9	855.0	0.00	0.00	0.00
4,500.0	15.00	184.76	4,389.8	-877.8	-73.1	880.9	0.00	0.00	0.00
4,600.0	15.00	184.76	4,486.4	-903.6	-75.2	906.8	0.00	0.00	0.00
4,700.0	15.00	184.76	4,582.9	-929.4	-77.4	932.7	0.00	0.00	0.00
4,800.0	15.00	184.76	4,679.5	-955.2	-79.5	958.5	0.00	0.00	0.00
4,900.0	15.00	184.76	4,776.1	-981.0	-81.7	984.4	0.00	0.00	0.00
5,000.0 5,100.0	15.00 15.00	184.76 184.76	4,872.7 4,969.3	-1,006.8 -1,032.6	-83.8 -86.0	1,010.3 1,036.2	0.00 0.00	0.00 0.00	0.00 0.00



#### **Payzone Directional**

Planning Report



Database: EDM 2003.21 Single User Db Company: NEWFIELD EXPLORATION Project: USGS Myton SW (UT) Site: SECTION 23 T9, R15

 Well:
 2-26-9-15

 Wellbore:
 Wellbore #1

 Design:
 Design #1

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well 2-26-9-15

2-26-9-15 @ 6371.0ft (Original Well Elev) 2-26-9-15 @ 6371.0ft (Original Well Elev)

True

Minimum Curvature

ned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,200.0	15.00	184.76	5,065.9	-1,058.4	-88.1	1,062.1	0.00	0.00	0.00
5,300.0	15.00	184.76	5,162.5	-1,084.2	-90.3	1,088.0	0.00	0.00	0.00
5,400.0	15.00	184.76	5,259.1	-1,110.0	-92.4	1,113.9	0.00	0.00	0.00
5,500.0	15.00	184.76	5,355.7	-1,135.8	-94.6	1,139.7	0.00	0.00	0.00
5,600.0	15.00	184.76	5,452.3	-1,161.6	-96.7	1,165.6	0.00	0.00	0.00
5,700.0	15.00	184.76	5,548.9	-1,187.4	-98.9	1,191.5	0.00	0.00	0.00
5,800.0	15.00	184.76	5,645.4	-1,213.2	-101.0	1,217.4	0.00	0.00	0.00
5,900.0	15.00	184.76	5,742.0	-1,239.0	-103.2	1,243.3	0.00	0.00	0.00
6,000.0	15.00	184.76	5,838.6	-1,264.8	-105.3	1,269.2	0.00	0.00	0.00
6,100.0	15.00	184.76	5,935.2	-1,290.6	-107.5	1,295.1	0.00	0.00	0.00
6,200.0	15.00	184.76	6,031.8	-1,316.4	-109.6	1,321.0	0.00	0.00	0.00
6,296.5	15.00	184.76	6,125.0	-1,341.3	-111.7	1,345.9	0.00	0.00	0.00
TD at 6296.5									

Plan Annotations				
Measured	Vertical	Local Coor	dinates	
Depth	Depth	+N/-S	+E/-W	
(ft)	(ft)	(ft)	(ft)	Comment
600.0	600.0	0.0	0.0	Start Build 1.50
1,600.2	1,588.8	-129.8	-10.8	Start 4696.3 hold at 1600.2 MD
6,296.5	6,125.0	-1,341.3	-111.7	TD at 6296.5

RECEIVED: August 29, 2013

API Well Number: 43013524570000 Project: USGS Myton SW (UT)



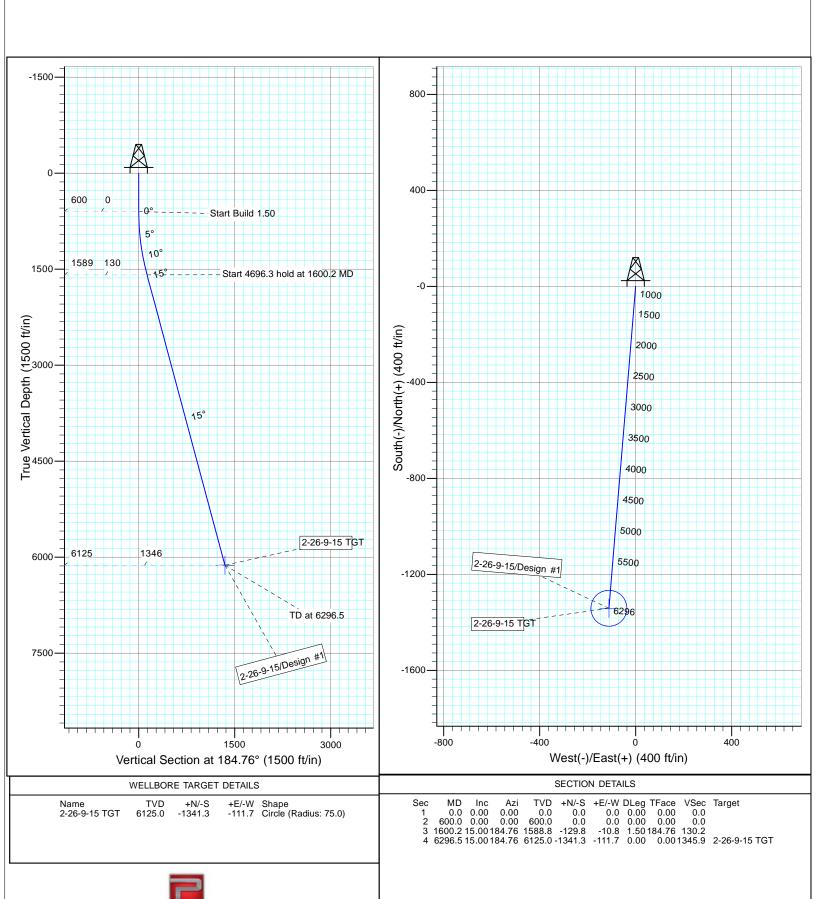
Site: SECTION 23 T9, R15 Well: 2-26-9-15

Wellbore: Wellbore #1 Design: Design #1



Azimuths to True North Magnetic North: 11.08°

Magnetic Field Strength: 52008.7snT Dip Angle: 65.69° Date: 8/29/2013 Model: IGRF2010



#### NEWFIELD PRODUCTION COMPANY GMBU 2-26-9-15 AT SURFACE: SW/SE SECTION 23, T9S R15E DUCHESNE COUNTY, UTAH

#### ONSHORE ORDER NO. 1

#### **MULTI-POINT SURFACE USE & OPERATIONS PLAN**

#### 1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site GMBU 2-26-9-15 located in the SW 1/4 SE 1/4 Section 23, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40-1.4 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed in a southwesterly direction -15.2 miles  $\pm$  to it's junction with an existing road to the east; proceed in a easterly direction -0.5 miles  $\pm$  to it's junction with an existing road to the northeast; proceed in a northeasterly direction -0.2 miles  $\pm$  to it's junction with the beginning of the access road to the existing 15-23-9-15 well location.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

#### 2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionaly off of the existing 15-23-9-15 well pad. See attached **Topographic Map "B"**.

There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

#### 3. <u>LOCATION OF EXISTING WELLS</u>

Refer to Exhibit "B".

#### 4. <u>LOCATION OF EXISTING AND/OR PROPOSED FACILITIES</u>

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

#### 5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District Water Right: 43-7478

Maurice Harvey Pond Water Right: 47-1358

Neil Moon Pond

Water Right: 43-11787

Newfield Collector Well

Water Right: 47-1817 (A30414DVA, contracted with the Duchesne County Conservancy

District).

There will be no water well drilled at this site.

#### 6. <u>SOURCE OF CONSTRUCTION MATERIALS</u>

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

#### 7. METHODS FOR HANDLING WASTE DISPOSAL

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

#### 8. <u>ANCILLARY FACILITIES</u>

RECEIVED: August 29, 2013

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

#### 9. WELL SITE LAYOUT

See attached Location Layout Sheet.

#### **Fencing Requirements**

- All pits will be fenced or have panels installed consistent with the following minimum standards:
  - 1. The wire shall be no more than two (2) inches above the ground. If barbed wire is utilized it will be installed three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
  - Corner posts shall be centered and/or braced in such a manner to keep tight and upright at all times
  - 3. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

#### 10. PLANS FOR RESTORATION OF SURFACE:

a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. <u>SURFACE OWNERSHIP</u> – Bureau of Land Management.

#### 12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report # 13-063, 4/22/13, prepared by Montgomery Archaeological Consultants. Paleontological Resource Survey prepared by, SWCA Environmental Consultants, Report No. UT13-14273-35, July 2013. See attached report cover pages, Exhibit "D".

#### Water Disposal

After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

#### **Additional Surface Stipulations**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

#### **Hazardous Material Declaration**

Newfield Production Company guarantees that during the drilling and completion of the GMBU 2-26-9-15, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the GMBU 2-26-9-15, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

#### 13. LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:

Representative

Name: Corie Miller

Address: Newfield Production Company

Route 3, Box 3630 Myton, UT 84052

Telephone: (435) 646-3721

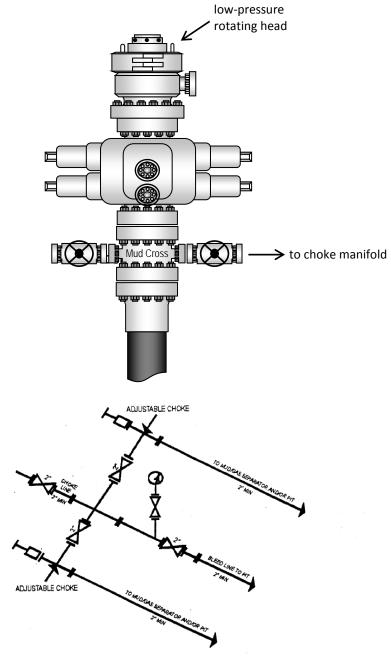
#### Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #2-26-9-15, Section 23, Township 9S, Range 15E: Lease UTU-66185 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

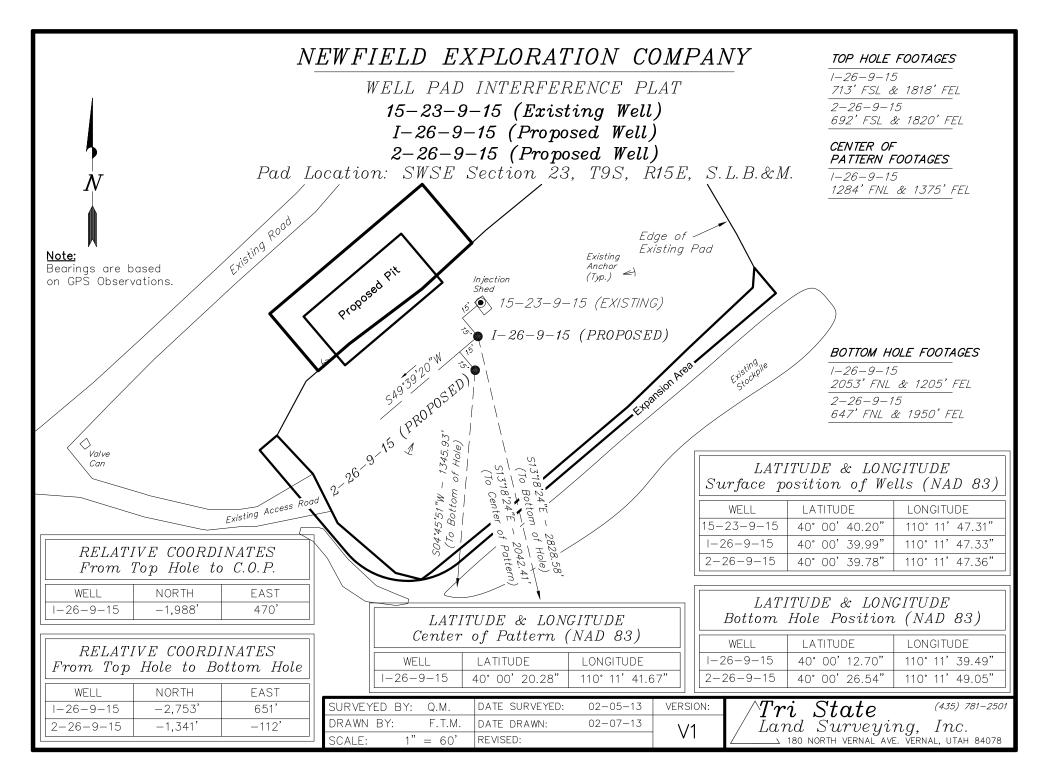
I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

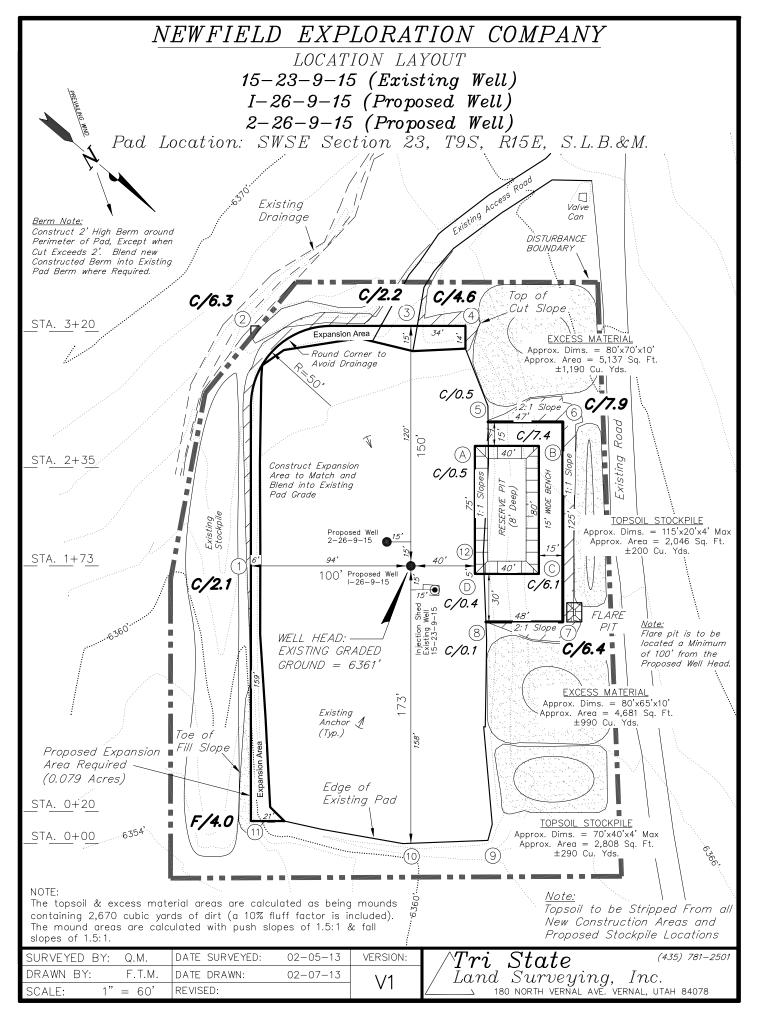
8/20/13	
Date	Mandie Crozier
	Regulatory Analyst
	Newfield Production Company

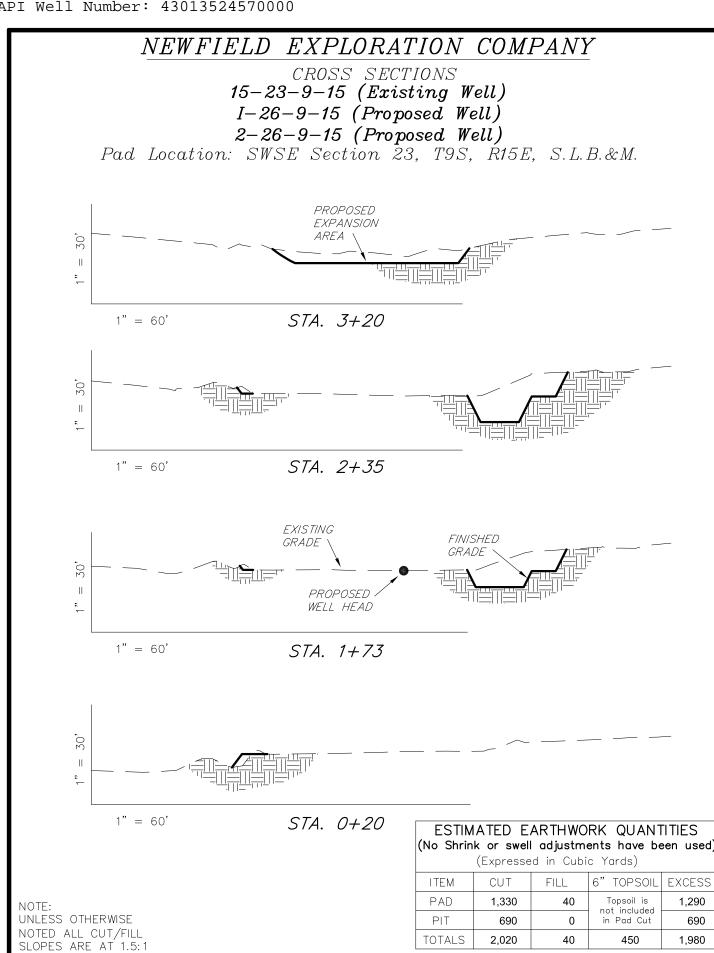
#### **Typical 2M BOP stack configuration**



2M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY





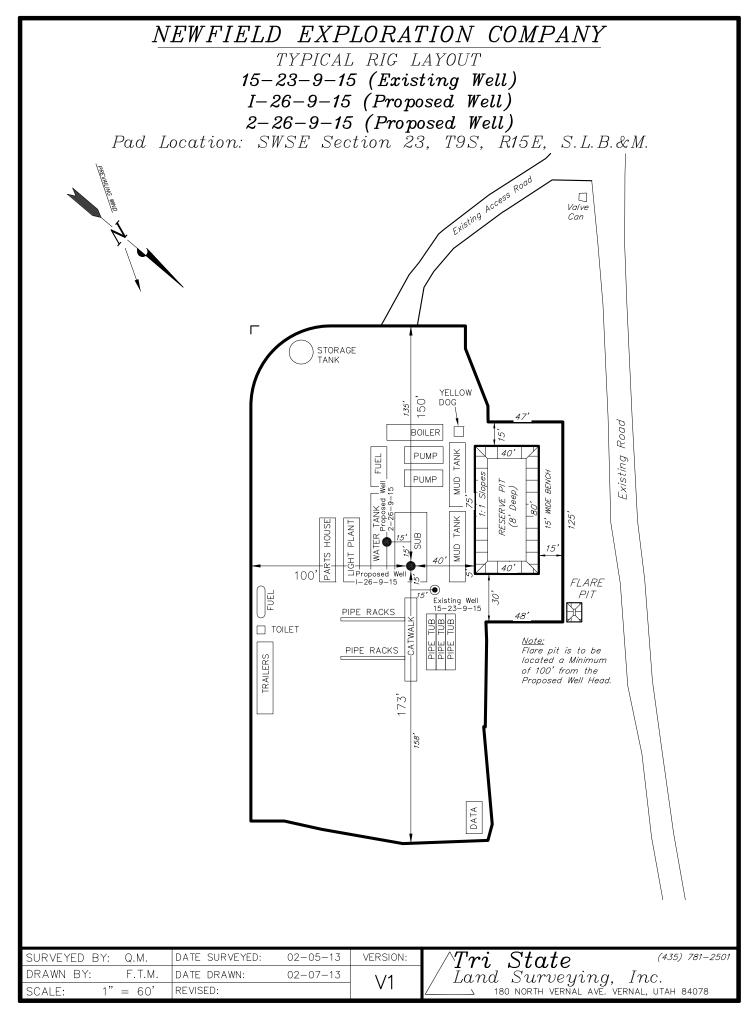


NOIL.			
UNLESS	OTHE	ERW	ISE
NOTED /	ALL (	CUT,	/FILL
SLOPES			

(No Shrink or swell adjustments have been used)  (Expressed in Cubic Yards)								
ITEM	CUT	FILL	6" TOPSOIL	EXCESS				
PAD	1,330	40	Topsoil is not included	1,290				
PIT	690	0	in Pad Cut	690				
TOTALS	2,020	40	450	1,980				

SURVEYED BY:	Q.M.	DATE SURVEYED:	02-05-13	VERSION:
DRAWN BY:	F.T.M.	DATE DRAWN:	02-07-13	\ /1
SCALE: 1"	= 60'	REVISED:		VI

 $State \ Surveying, Inc.$ 180 north vernal ave. vernal, utah 84078 Tri(435) 781-2501 Land



## NEWFIELD EXPLORATION COMPANY RECLAMATION LAYOUT 15-23-9-15 (Existing Well) I-26-9-15 (Proposed Well) 2-26-9-15 (Proposed Well) Pad Location: SWSE Section 23, T9S, R15E, S.L.B.&M. Valve Can DISTURBANCE BOUNDARY Existing Proposed Unreclaimed Area 2-26-9-15 I−26−9−15 **●** 15-23-9-15 DISTURBED AREA:

1. Reclaimed Area to Include Seeding of Approved Vegetation and Sufficient Storm Water Management System.

2. Actual Equipment Layout and Reclaimed Pad Surface Area May Change due to Production Requirements or Site Conditions.

TOTAL DISTURBED AREA = 2.23 ACRES TOTAL RECLAIMED AREA = 1.62 ACRES

UNRECLAIMED AREA = 0.61 ACRES

SURVEYED B	Y: Q.M.	DATE SURVEYED:	02-05-13	VERSION:	
DRAWN BY:	F.T.M.	DATE DRAWN:	02-07-13	\ /1	/
SCALE:	1" = 60'	REVISED:		V I	$\angle$

## NEWFIELD EXPLORATION COMPANY

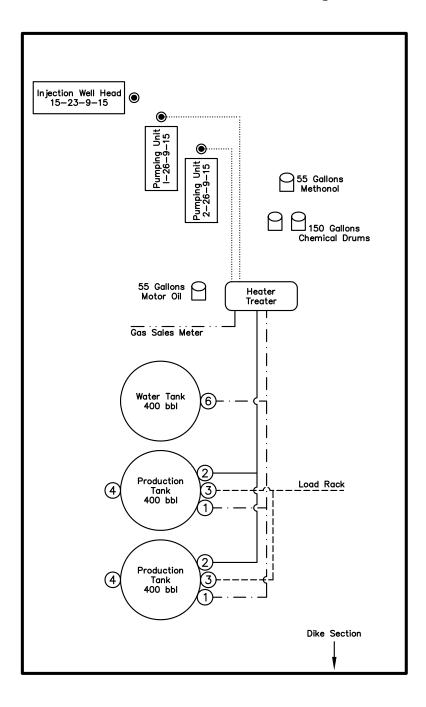
PROPOSED SITE FACILITY DIAGRAM

15-23-9-15 (Existing Well)

I-26-9-15 (Proposed Well) UTU-66185

2-26-9-15 (Proposed Well) UTU-66185

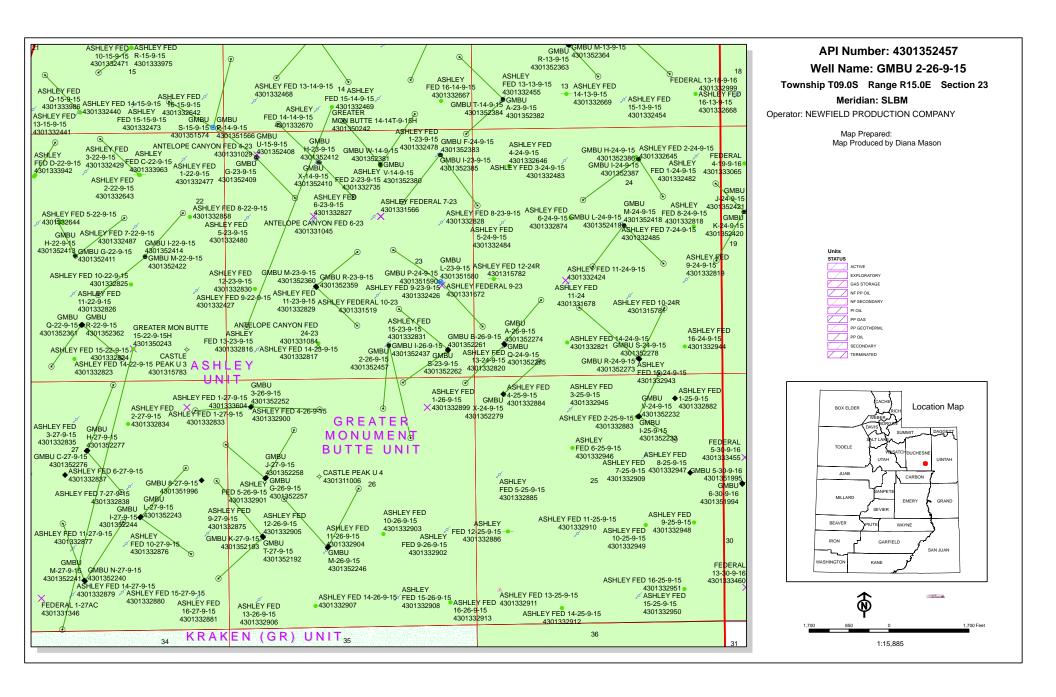
Pad Location: SWSE Section 23, T9S, R15E, S.L.B.&M.
Duchesne County, Utah



#### **Legend**

NOT TO SCALE

SURVEYED BY:	Q.M.	DATE SURVEYED:	02-05-13	VERSION:	$\wedge Tri$ $State$ (435) 781-2501
DRAWN BY:	F.T.M.	DATE DRAWN:	02-07-13	V1	/ Land Surveying, Inc.
SCALE:	NONE	REVISED:		V I	180 NORTH VERNAL AVE. VERNAL, UTAH 84078



## **United States Department of the Interior**

#### BUREAU OF LAND MANAGEMENT

Utah State Office 440 West 200 South, Suite 500 Salt Lake City, UT 84101

IN REPLY REFER TO: 3160 (UT-922)

September 3, 2013

#### Memorandum

To: Assistant Field Office Manager Minerals,

Vernal Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2013 Plan of Development Greater Monument

Butte Unit, Duchesne and Uintah Counties,

Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2013 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API # WELL NAME LOCATION

(Proposed PZ GREEN RIVER)

43-013-52377	GMBU				R15E R15E		
43-013-52388	GMBU	Q-18-9-16			R16E R16E		
43-013-52389	GMBU				R16E R16E		
43-013-52403	GMBU				R17E R17E		
43-013-52404	GMBU	A-33-8-17			R17E R17E		
43-013-52406	GMBU	X-27-8-17			R17E R17E		
43-013-52407	GMBU				R15E R15E	_	
43-013-52408	GMBU	U-15-9-15			R15E R15E		
43-013-52409	GMBU	G-23-9-15			R15E R15E		
43-013-52410	GMBU				R15E R15E		

RECEIVED: September 03, 2013

API #	W	ELL NAME				I	LOCATIO	ON			
(Proposed PZ	GREE										
43-013-52411	GMBU	G-22-9-15									
43-013-52412	GMBU						R15E R15E				
43-013-52413	GMBU						R15E R15E				
43-013-52414	GMBU						R15E R15E				
43-013-52415	GMBU	G-3-9-17	BHL	Sec Sec	03 03	T09S T09S	R17E R17E	1902 1103	FNL FNL	1994 1262	FWL FWL
43-013-52416	GMBU	K-6-9-16	BHL	Sec Sec	05 06	T09S T09S	R16E R16E	2135 2336	FNL FSL	0675 0120	FWL FEL
43-013-52417	GMBU						R16E R16E				
43-013-52418	GMBU						R15E R15E				
43-013-52419	GMBU						R15E R15E				
43-013-52420	GMBU						R16E R15E				
43-013-52421	GMBU	J-24-9-15									
43-013-52422	GMBU						R15E R15E				
43-013-52423	GMBU						R16E R16E				
43-013-52424	GMBU	118-32-8-3					R17E R17E				
43-013-52425	GMBU						R17E R17E				
43-013-52436	GMBU						R16E R16E				
43-013-52437	GMBU						R15E R15E				
43-013-52438	GMBU						R16E R16E				
43-013-52439	GMBU						R16E R16E				
43-013-52440	GMBU	118-10-9-1					R16E R16E				
43-013-52441	GMBU						R17E R17E				

API # WELL NAME

LOCATION

(Proposed PZ GREEN RIVER) 43-013-52442 GMBU 117-6-9-17 Sec 06 T09S R17E 1826 FNL 0938 FEL BHL Sec 06 T09S R17E 2485 FSL 0619 FEL 43-013-52443 GMBU 115-6-9-17 Sec 06 T09S R17E 1841 FNL 0954 FEL BHL Sec 06 T09S R17E 2032 FNL 1536 FEL 43-013-52444 GMBU 109-6-9-17 Sec 06 T09S R17E 0798 FNL 0652 FEL BHL Sec 06 T09S R17E 1456 FNL 0638 FEL 43-013-52445 GMBU 110-34-8-16 Sec 34 T08S R16E 0691 FNL 1952 FEL BHL Sec 34 T08S R16E 1396 FNL 2028 FEL 43-013-52446 GMBU 102-35-8-16 Sec 26 T08S R16E 0640 FSL 1971 FEL BHL Sec 35 T08S R16E 0521 FNL 1700 FEL 43-013-52447 GMBU 116-6-9-17 Sec 05 T09S R17E 1861 FNL 0559 FWL BHL Sec 06 T09S R17E 2016 FNL 0410 FEL 43-013-52448 GMBU 119-31-8-17 Sec 31 T08S R17E 2051 FSL 2017 FWL BHL Sec 31 T08S R17E 2352 FNL 1902 FWL 43-013-52449 GMBU 103-1-9-16 Sec 36 T08S R16E 0721 FSL 2308 FWL BHL Sec 01 T09S R16E 0274 FNL 2041 FWL 43-013-52451 GMBU 118-6-9-17 Sec 06 T09S R17E 2143 FNL 1952 FEL BHL Sec 06 T09S R17E 2290 FSL 1960 FEL 43-013-52457 GMBU 2-26-9-15 Sec 23 T09S R15E 0692 FSL 1820 FEL BHL Sec 26 T09S R15E 0647 FNL 1950 FEL 43-013-52458 GMBU 11-18-9-16 Sec 18 T09S R16E 1026 FSL 2004 FWL BHL Sec 18 T09S R16E 1982 FSL 1865 FWL

This office has no objection to permitting the wells at this time.



bcc: File - Greater Monument Butte Unit Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:9-3-13

Page 3

#### **WORKSHEET** APPLICATION FOR PERMIT TO DRILL

<b>APD RECEIVED:</b> 8/29/2013	API NO. ASSIGNED:	43013524570000

WELL NAME: GMBU 2-26-9-15

**OPERATOR:** NEWFIELD PRODUCTION COMPANY (N2695) PHONE NUMBER: 435 646-4825

**CONTACT:** Mandie Crozier

PROPOSED LOCATION: SWSE 23 090S 150E Permit Tech Review:

> **SURFACE:** 0692 FSL 1820 FEL **Engineering Review:**

> **BOTTOM: 0647 FNL 1950 FEL** Geology Review:

**COUNTY: DUCHESNE** 

**LATITUDE**: 40.01104 LONGITUDE: -110.19648

**UTM SURF EASTINGS: 568578.00** NORTHINGS: 4429292.00

FIELD NAME: MONUMENT BUTTE

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-66185 PROPOSED PRODUCING FORMATION(S): GREEN RIVER

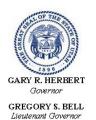
SURFACE OWNER: 1 - Federal **COALBED METHANE: NO** 

RECEIVED AND/OR REVIEWED:	LOCATION AND SITING:
<b>₽</b> PLAT	R649-2-3.
<b>☑</b> Bond: FEDERAL - WYB000493	Unit: GMBU (GRRV)
Potash	R649-3-2. General
Oil Shale 190-5	
Oil Shale 190-3	R649-3-3. Exception
Oil Shale 190-13	✓ Drilling Unit
<b>✓</b> Water Permit: 437478	Board Cause No: Cause 213-11
RDCC Review:	Effective Date: 11/30/2009
Fee Surface Agreement	Siting: Suspends General Siting
Intent to Commingle	▼ R649-3-11. Directional Drill

Comments: Presite Completed

**Commingling Approved** 

4 - Federal Approval - dmason 15 - Directional - dmason 27 - Other - bhill Stipulations:



## State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

#### Permit To Drill

\*\*\*\*\*\*

Well Name: GMBU 2-26-9-15 **API Well Number:** 43013524570000

Lease Number: UTU-66185 Surface Owner: FEDERAL Approval Date: 9/10/2013

#### Issued to:

NEWFIELD PRODUCTION COMPANY, Rt 3 Box 3630, Myton, UT 84052

#### Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 213-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

#### **Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

#### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### **Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Production casing cement shall be brought up to or above the top of the unitized interval for the Greater Monument Butte Unit (Cause No. 213-11).

#### **Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available) OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at http://oilgas.ogm.utah.gov

#### Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
  - Requests to Change Plans (Form 9) due prior to implementation
  - Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
  - Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

For John Rogers Associate Director, Oil & Gas

### RECEIVED

Form 3160-3 (August 2007)

**UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT SEP 0 4 2013

FORM APPROVED

BLM

OMB No. 1004-013 Expires July 31, 201

5. Lease Serial No. UTU66185

APPLICATION FOR PERMIT	TO DRILL OR REENTER	6. If Indian, Allottee or Trib	e Name
Ia. Type of Work: 🗖 DRILL 🔲 REENTER		7. If Unit or CA Agreement UTU87538X	, Name and No.
1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Of	ther Single Zone  Multiple Zone	8. Lease Name and Well No GMBU 2-26-9-15	).
NEVVFIELD EXPLORATION COMPENS: mcrozie	MANDIE CROZIER	9. API Well No.	
3a. Address ROUTE 3 BOX 3630 MYTON, UT 84052	3b. Phone No. (include area code) Ph: 435.646.3721 Ext: 4825 Fx: 435.646.3031	10. Field and Pool, or Explo MONUMENT BUTTE	ratory
4. Location of Well (Report location clearly and in accorded	ance with any State requirements.*)	11. Sec., T., R., M., or Blk. a	and Survey or Area
At surface SWSE 692FSL 1820FEL At proposed prod. zone NWNE 647FNL 1950FEL		Sec 23 T9S R15E M SME: BLM	
14. Distance in miles and direction from nearest town or post	office*	Sec 26 795 R/S	
17.2 MILES SW OF MYTON, UT	onice -	12. County or Parish DUCHESNE	13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of Acres in Lease	17. Spacing Unit dedicated to	this well
650'	2286.43	40.00	
<ol> <li>Distance from proposed location to nearest well, drilling, completed, applied for, on this lease. ft.</li> </ol>	19. Proposed Depth	20. BLM/BIA Bond No. on f	île
2151	6296 MD 6125 TVD	WYB000493	
21. Elevations (Show whether DF, KB, RT, GL, etc. 6361 GL	22. Approximate date work will start 01/31/2014	23. Estimated duration 7 DAYS	-
	24. Attachments		
The following, completed in accordance with the requirements of	Onshore Oil and Gas Order No. 1, shall be attached to the	nis form:	
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest Syste SUPO shall be filed with the appropriate Forest Service Office.</li> </ol>	4. Bond to cover the operation Item 20 above).	as unless covered by an existing	·
25. Signature (Electronic Submission)	Name (Printed/Typed) MANDIE CROZIER Ph: 435.646.3721 Ex	xt: 4825	Date 08/29/2013
Title REGULATORY TECH.			
Approved by (Signature)	Name (Printed/Typed)  Jerry Kenczk	a	92 0 6 2014
Title ///	Office		
application approval does not warrant or certify the applicant hold perations thereon. Conditions of approval, if any, are attached.			
itle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, matates any false, fictitious or fraudulent statements or representation	ake it a crime for any person knowingly and willfully to nons as to any matter within its jurisdiction.	nake to any department or agen	ECEIVED

Additional Operator Remarks (see next page)

JAN 09 2014

Electronic Submission #218597 verified by the BLM Well Information System
For NEWFIELD EXPLORATION COMPANY, sent to the Vernal
Committed to AFMSS for processing by LESLIE BUHLER on 09/06/2013 (13LBB1647AE)

### Additional Operator Remarks:

SURFACE LEASE: UTU-66185 BOTTOM HOLE LEASE: UTU-66185

### Revisions to Operator-Submitted EC Data for APD #218597

**Operator Submitted** 

UTU66185 Lease:

Agreement:

**GREATER MONUMENT** 

Operator:

NEWFIELD EXPLORATION

ROUTE #3 BOX 3630 MYTON, UT 84052 Ph: 435-646-3721

Admin Contact:

MANDIE CROZIER
REGULATORY ANALYST
ROUTE #3 BOX 3630
MYTON, UT 84052
Ph: 435-646-4825
Fx: 435-646-3031
Cell: 435-401-8335
E-Mail: mcrozier@newfield.com

Tech Contact:

MANDIE CROZIER REGULATORY ANALYST ROUTE #3 BOX 3630 **MYTON, UT 84052** 

Well Name: Number:

**GMBU** 2-26-9-15

Location:

State:

UT

County: S/T/R:

DUCHESNE Sec 23 T9S R15E Mer SLB SWSE 692FSL 1820FEL Surf Loc:

Field/Pool:

MONUMENT BUTTE

Bond:

WYB000493

**BLM Revised (AFMSS)** 

UTU66185

UTU87538X (UTU87538X)

**NEWFIELD EXPLORATION COMPANY** 

ROUTE 3 BOX 3630 MYTON, UT 84052 Ph: 435.646.3721 Fx: 435.646.3031

MANDIE CROZIER REGULATORY TECH. ROUTE 3 BOX 3630 MYTON, UT 84052 Ph: 435.646.3721 Ext: 4825

Fx: 435.646.3031

E-Mail: mcrozier@newfield.com

MANDIE CROZIER REGULATORY TECH. ROUTE 3 BOX 3630 MYTON, UT 84052

**GMBU** 2-26-9-15

DUCHESNE

Sec 23 T9S R15E Mer SLB SWSE 692FSL 1820FEL

MONUMENT BUTTE

WYB000493



### UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE** 170 South 500 East

**VERNAL, UT 84078** 

(435) 781-4400



### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No:

**Newfield Production Company** 

GMBU 2-26-9-15

API No: 43-013-52457 Location:

**SWSE SEC 23 T9S R15E** 

Lease No: Agreement: UTU66185 UTU87538X

**OFFICE NUMBER:** 

(435) 781-4400

OFFICE FAX NUMBER:

(435) 781-3420

### A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

### **NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to:  blm_ut_vn_opreport@blm.gov
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	_	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 8 Well: GMBU 2-26-9-15

12/27/2013

### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

### Minerals and Paleontology

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

### **Green River District Reclamation Guidelines**

The Operator will comply with the requirements of the *Green River District (GRD) Reclamation Guidelines* formalized by Green River District Instructional Memo UTG000-2011-003 on March 28, 2011.

Documentation of the compliance will be as follows:

- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) that
  designates the proposed site-specific monitoring and reference sites chosen for the location. A
  description of the proposed sites shall be included, as well as a map showing the locations of the
  proposed sites.
- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) 3
  growing seasons after reclamation efforts have occurred evaluating the status of the reclaimed
  areas in order to determine whether the BLM standards set forth in the GRD Reclamation
  Guidelines have been met (30% or greater basal cover).
- Prior to beginning new surface disturbance, the operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) providing the results of the noxious weed inventory described in the GRD Reclamation Guidelines (2011). If weeds are found the report shall include 1) A GPS location recorded in North American Datum 1983; 2) species; 3) canopy cover or number of plants; 4) and size of infestation (estimate square feet or acres. Information shall be also documented in the reclamation report.

### **CONDITIONS OF APPROVAL**

### Wildlife

In accordance with the Record of Decision for the Castle Peak and Eightmile Flat Oil and Gas Expansion Project, Newfield Rocky Mountains Inc., the following COA's are required:

- WFM-1 On level or gently sloping ground (5 percent slope or less) Newfield will elevate surface pipelines (4 inches or greater in diameter) a minimum of 6 inches above the ground to allow passage of small animals beneath the pipe. This ground clearance will be achieved by placing the pipeline on blocks at intervals of 150 to 200 feet.
- WFM-4 Newfield will install noise reduction devices on all pump jacks to reduce intermittent noise to 45 dBA at 660 feet from the source.

Page 3 of 8 Well: GMBU 2-26-9-15 12/27/2013

### COA's derived from mitigating measures in the EA:

If construction and drilling is anticipated during any of the following wildlife seasonal spatial restrictions, a BLM biologist or a qualified consulting firm biologist must conduct applicable surveys using an accepted protocol prior to any ground disturbing activities.

- The host well is located within crucial elk calving habitat. To minimize impacts construction and drilling is not allowed from May 15 – June 30. This restriction would not apply to maintenance and operation of existing facilities. This stipulation may be excepted if either the resource values change or the lessee/operator demonstrates to BLM's satisfaction that adverse impacts can be mitigated.
- The proposed project is within ½ mile of a golden eagle nest(s). If construction or drilling is proposed from January 1-August 31 then a nest survey will be conducted by a qualified biologist. If the nest is found to be inactive, then permission to proceed may be granted by the BLM Authorized Officer. If the nest is determined to be active, then the timing restriction will remain in effect.

### For protection of T&E Fish if drawing water from the Green River

- For areas of fresh water collection, an infiltration gallery will be constructed in a Service approved location. An infiltration gallery is basically a pit or trench dug within the floodplain to a depth below the water table. Water is drawn from the pit rather than from the river directly. If this is not possible, limit pumping within the river to off-channel locations that do not connect to the river during high spring flows.
- If water cannot be drawn using the measures above and the pump head will be located in the river channel where larval fish are known to occur, the following measures apply:
  - Avoid pumping from low-flow or no-flow areas as these habitats tend to concentrate larval fished
  - Avoid pumping to the greatest extent possible, during that period of the year when larval fish may be present (see previous bullet); and
  - Avoid pumping, to the greatest extent possible, during the midnight hours (10:00 p.m. to 2:00 a.m.) as larval drift studies indicate that this is a period of greatest daily activity. Dusk is the preferred pumping time, as larval drift abundance is lowest during this time.
  - Screen all pump intakes with 3/32-inch mesh material.
- Report any fish impinged on the intake screen to the FWS office (801.975.3330) and the:

Utah Division of Wildlife Resources Northeastern Region 152 East 100 North Vernal, UT 84078 (435) 781-9453

### Air Quality

- 1. All internal combustion equipment will be kept in good working order.
- Water or other approved dust suppressants will be used at construction sites and along roads, as determined appropriate by the Authorized Officer. Dust suppressant such as magnesium chloride or fresh water may be used, as needed, during the drilling phase.
- 3. Open burning of garbage or refuse will not occur at well sites or other facilities.
- Drill rigs will be equipped with Tier II or better diesel engines.

Page 4 of 8 Well: GMBU 2-26-9-15 12/27/2013

- 5. Low bleed pneumatics will be installed on separator dump valves and other controllers.
- 6. During completion, no venting will occur, and flaring will be limited as much as possible. Production equipment and gathering lines will be installed as soon as possible.
- 7. Telemetry will be installed to remotely monitor and control production.
- 8. When feasible, two or more rigs (including drilling and completion rigs) will not be run simultaneously within 200 meters of each other. If two or more rigs must be run simultaneously within 200 meters of each other, then effective public health buffer zones out to 200 meters (m) from the nearest emission source will be implemented. Examples of an effective public health protection buffer zone include the demarcation of a public access exclusion zone by signage at intervals of every 250 feet that is visible from a distance of 125 feet during daylight hours, and a physical buffer such as active surveillance to ensure the property is not accessible by the public during drilling operations. Alternatively, the proponent may demonstrate compliance with the 1-hour NO<sub>2</sub> National Ambient Air Quality Standards (NAAQS) with appropriate and accepted near-field modeling. As part of this demonstration, the proponent may propose alternative mitigation that could include but is not limited to natural gas—fired drill rigs, installation of NO<sub>X</sub> controls, time/use restrictions, and/or drill rig spacing.
- 9. All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horse power must not emit more than 2 grams of NO<sub>X</sub> per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower-hour.
- 10. All new and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 grams of NO<sub>X</sub> per horsepower-hour.
- 11. Green completions will be used for all well completion activities where technically feasible.
- 12. Employ enhanced VOC emission controls with 95% control efficiency on production equipment having a potential to emit greater than 5 tons per year.

Page 5 of 8 Well: GMBU 2-26-9-15 12/27/2013

### DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

### SITE SPECIFIC DOWNHOLE COAs:

- If applicable, Variances to OO2, Section III.E shall be granted as requested regarding the air drilling program for the surface hole.
- Newfield Production Co. shall comply with all applicable requirements in the SOP (version: "Greater Monument Butte Green River Development Program", June 24, 2008).
- Cement for the production casing shall be brought 200 feet above the surface casing shoe.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily
  drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order
  No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a
  test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's
  log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.

Page 6 of 8 Well: GMBU 2-26-9-15 12/27/2013

The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is
encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal
Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
   Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in CD (compact disc) format to the Vernal BLM Field Office. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

### **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at <a href="https://www.ONRR.gov">www.ONRR.gov</a>.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
  notified when it is placed in a producing status. Such notification will be by written communication
  and must be received in this office by not later than the fifth business day following the date on
  which the well is placed on production. The notification shall provide, as a minimum, the following
  informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).

Page 7 of 8 Well: GMBU 2-26-9-15 12/27/2013

- Date well was placed in a producing status (date of first production for which royalty will be paid).
- The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
- The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
- Unit agreement and/or participating area name and number, if applicable.
- Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office
  Petroleum Engineers will be provided with a date and time for the initial meter calibration and all
  future meter proving schedules. A copy of the meter calibration reports shall be submitted to the
  BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid
  hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall
  be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

Page 8 of 8 Well: GMBU 2-26-9-15 12/27/2013

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering
  lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a
  suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be
  obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior approval
  of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior
  approval of the BLM Vernal Field Office shall be obtained and notification given before resumption
  of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office
  Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in
  order that a representative may witness plugging operations. If a well is suspended or abandoned,
  all pits must be fenced immediately until they are backfilled. The "Subsequent Report of
  Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of
  the well bore, showing location of plugs, amount of cement in each, and amount of casing left in
  hole, and the current status of the surface restoration.

### BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# NDSI SS #1
Submitted By Ryan Crum Phone Number 823-7065
Well Name/Number GMBU 2-26-9-15
Qtr/Qtr SW/SE Section 23 Township 9S Range 15E
Lease Serial Number UTU-66185
API Number 43-013-52457

TD Notice – TD is the final drilling depth of hole.

Date/Time 8/15/14 9:00 AM PM 

Casing – Please report time casing run starts, not cementing times.

Surface Casing
Intermediate Casing
Production Casing
Liner
Other

Date/Time <u>8/15/14</u> <u>8:00</u> AM ☐ PM ☒

Form 3160-4 (March 2012)

### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: October 31, 2014

5. Lease Serial No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

	WELL	COMP	LETION	OK K	COMPLETIC	JI ILLI O	/IXI /XI				UTU	66185		<del></del>
TD CASE		Oil Well	Gas	Well	Dry O	ther					6. If	Indian, All	ottee or Tribe	Name
a. Type of Wo b. Type of Co	mpletion:	New We		k Over	Deepen Pl	ug Back	Diff. I	Resvr.,			UTU	87538X	Agreement Na	
Name of O	perator	Other:									8. Le	ease Name 3U 2-26-9	and Well No 9-15	
NEWFIELD	PRODUCT	ION COM	IPANY			3a. 1	Phone No	o. (include	area code	2)	9. A	PI Well No	).	
M	OUTE #3 BOX YTON, UT 840	52				Ph:	435-646	6-3721			10. 1	13-5245 Field and P	ool or Explor	ratory
Location of	Well (Repor	t location	clearly <mark>and</mark> ir	n accorda	nce with Federal r	equirements,	<i>y</i> .				MOI	NUMENT	BUTTE	
At surface	713' FSL 1	818' FEL	(SW/SE) S	EC 23	r9S R15E (UTU	-66185)					11.	Survey or A	M., on Bloc Area SEC 23	F9S R15E Mer SLB
At top prod	. interval repo	rted below	261' FNL	1908' F	EL (NW/NE) SE	C 26 T9S F	R15E (L	JTU-661	85)			County or		13. State
	656' FN	L 1939' F	EL (NW/NE	E) SEC 2	26 T9S R15E (U	TU-66185)	)					CHESNE	(DF, RKB, I	UT BT GL\*
At total dep 14. Date Spu	dded	T)	5. Date T.D	Reache			te Comp	leted 09/	04/2014 ady to Proc	1.	636	Elevations 1' GL 63	72' KB	KI, GL)
04/21/2014 18. Total Dep			08/17/2014		g Back T.D.: M	D 6071'	Dan	20	). Depth E	Bridge I	lug Set:	MD TVD		
	TVD	5961'	(0		TV	/D	-	22	2. Was w	ell corec	d? 🔽 ì	Vo DY	es (Submit ar	nalysis)
21. Type Ele	GRD. SP. 0	Mechanical COMP. NI	Logs Run (S EUTRON, (	GR, CA	LIPER, CMT BO	ND				ST run?			es (Submit re	port) Opy)
	and Liner Rec													
Hole Size	Size/Grade			(MD)	Bottom (MD)	Stage Cer Dep			f Sks. & f Cement	Si	lurry Vol. (BBL)	Cemer	nt Top*	Amount Pulled
12-1/4"	8-5/8" J-55	_	0'		321'			155 CL						
7-7/8"	5-1/2" J-5				6117'				onocem			42'		
1 170								490Exp	andacen	n		-		
							_			+-	_			
					-	+				+-				
24 m 12	Decemb		_1_									T 5 4	Sa (MD) I	Packer Depth (MD)
24. Tubing Size	Record Depth Se	t (MD)	Packer Depth	n (MD)	Size	Depth Se	t (MD)	Packer D	Depth (MD)	+-	Size	Depth	Set (MD)	Packer Depth (WID)
2-7/8"	EOT@	627' T	A@5465'			26. Per	rforation	Record		1				
25. Produci	ing Intervals Formation	_	T To	ор	Bottom		forated In			Size		. Holes		Perf. Status
A) Green			4637'		5486'	4637' - 5	5486' M	D	0.3	34	52	_		
B)						1				_				
C)									-+		-			
D)			Courses	ota										
27. Acid, I	Practure, Treat Depth Interv	al						Amount a	and Type o	of Mate	rial	100		
4637' - 54			Frac w/	277,78	0#s of 20/40 wh	ite sand in	2,641 b	bls of Li	ghtning 1	/ fluid	in 3 stag	jes.		
							_	-						
On Decide	ction - Interva	1 Δ									la 1 2	Mahad		
Date First	Test Date	Hours	Test	Oil		Water BBL	Oil Gr Corr.		Gas Gravi	ty	Production			
Produced	4 9	Tested	Production	BBL		30 BBL	2011.			· • 1	2.5 X 1.	75 X 24 F	RHAC	
9/4/14	9/14/14	24	24 Hr.	155 Oil	O Gas	Water	Gas/C	il	Well	Status				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	Rate	BBL		BBL	Ratio		PRO	DUC	ING			
20 6	Contract Testano	in I D		1										
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil G Corr.	ravity API	Gas Grav	ity	Production	n Method		
Choke	Tbg. Press		24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas/C		Well	Status				
Size	Flwg. SI	Press.	Rate	BBL	17101									
			1.11.1 4 1		2)									

<sup>\*(</sup>See instructions and spaces for additional data on page 2)

Sundry Number: 56427 API Well Number: 43013524570000 28b. Production - Interval C Production Method Gas Oil Gravity Water Gas Oil Test Hours Date First Test Date Gravity Cort. API BBL BBL MCF Production Tested Produced Well Status Gas/Oil Water 24 Hr. Oil Gas Tbg. Press. Csg. Choke Ratio BBL BBL MCF Rate Size Flwg. Press. 28c. Production - Interval D Production Method Oil Gravity Gas Water Oil Gas Test Date First Test Date Hours Gravity Corr. API BBL. BBL MCF Production Produced Tested Well Status Gas/Oil Water Gas 24 Hr. Oi1 Choke Tbg. Press. Csg. BBL Ratio BBL MCF Size Flwg. ress. Rate 29. Disposition of Gas (Solid, used for fuel, vented, etc.) 31. Formation (Log) Markers 30. Summary of Porous Zones (Include Aquifers): GEOLOGICAL MARKERS Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Top Name Descriptions, Contents, etc. Meas. Depth Formation Top Bottom 3578 GARDEN GULCH MARK 3828 GARDEN GULCH 1 3933' **GARDEN GULCH 2** 4184' POINT 3 4459 X MRKR 4492 Y MRKR DOUGLAS CREEK MRK 4604 4837 BI CARBONATE MRK 4929' B LIMESTONE MRK 5530' CASTLE PEAK 5985 BASAL CARBONATE 6113' WASATCH 32. Additional remarks (include plugging procedure): 33. Indicate which items have been attached by placing a check in the appropriate boxes: Directional Survey ■ DST Report Geologic Report Electrical/Mechanical Logs (1 full set req'd.) Other: Drilling daily activity Core Analysis Sundry Notice for plugging and cement verification 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions) Title Regulatory Technician Name (please print) Heather Calder Date 09/30/2014 Signature

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)



# **NEWFIELD EXPLORATION**

USGS Myton SW (UT) SECTION 23 T9, R15

2-26-9-15 Wellbore #1 Design: Actual

## **End of Well Report**

19 August, 2014



Mean Sea Level

System Datum:

US State Plane 1983 North American Datum 1983

Map System: Geo Datum:

Project

Design:

Utah Central Zone

Map Zone:

Project:

Well: Site:

### **Payzone Directional** End of Well Report



Site	SECTION 23 T9, R15				
Site Position:		Northing:	7,176,780.93 usft	Latitude:	40° 0' 53_180 N
From:	Lat/Long	Easting:	2,006,598.67 usft	Longitude:	110° 11' 33,050 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.84 °

Well	2-26-9-	2-26-9-15, SHL: 40 00 39.99 -110 11 47.33				
Well Position	S-/N+	0,0 usft	Northing:	7,175,430,26 usft	Latitude:	40° 0' 39.990 N
	+E/-W	0.0 usft	Easting:	2,005,507.27 usft	Longitude:	110° 11' 47,330 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	6,372.0 usft	Ground Level:	6,361,0 usft

Sample Date	Declination Dip Angle (°)	Field Strength (nT)
8/6/2014	10.96 65.66	51,916

Design	Actual			
Audit Notes:				
Version: 1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	S-IN+	+E/-W	Direction
	(nsft)	(nsft)	(usft)	
	0.0	0.0	0.0	185.03

Survey Program	Date 8/19/2014				
From (usft)	To (usft) Survey (Wellbore)	Tool Name	Description		
377.0	6.143.0 Survey #1 (Wellbore #1)	MWD	MWD - Standard		

COMPASS 5000.1 Build 70

8/19/2014 1:27:26PM

Payzone Directional End of Well Report

Survey  MD (usft)  0.0 377.0 408.0 439.0 469.0 500.0	Actual  Inc (°) 0.0 77.0 2.10 88.0 2.49 99.0 2.24						North Reference: Survey Calculation Method:	on Method:	Minimum Curvature	D	
	Inc (°)										
	C	Azi (azimuth)	QVT	V. Sec	N/S		E/W	DLeg	Build	Tum	
377 377 498 438 466 500		(2)	(nsft)	(nstt)	(nstt)		(nstt)	(°/100usft)	(°/100usft)	(°/100usft)	
377 406 436 466 500		00'0	0.0	0.0	0	0.0	0.0	0.00	00.0	00.0	
408 436 466 500 533		09'92'	376.9	-2.2	2	1.6	6.7	0.56	0.56	00.00	
439 466 500 53		09.88	407.9	-2,4	4	1.7	2.9	1.80	26.0	38,71	
465 500 53.		95,59	438,9	-2,5	22	1.7	9.2	1.00	0.29	22.55	
500		103,64	468.8	-2.4	4	75	10.5	1.38	-0.83	26.83	
531	1.63	3 116,47	499,8	-2.2	2	1.2	4.11	2.40	-1.97	41.39	
	1.41	132,16	530.8	-1.8	. 00	2.0	12.1	1.51	-0,71	50.61	
561.0	1.58	3 151.67	560.8	-1.2	2	0.1	12.6	1.78	0,57	65.03	
592.0	2.0 2.24	155.10	591.8	-0.3		-0.8	13.0	2.16	2.13	11.06	
623.0	3.0 2.85	160.47	622.8	6.0		-2.1	13.6	2.11	1.97	17.32	
654.0	3.16	5 164.37	653.7	2.4		-3.7	14.0	1.20	1,00	12.58	
684.0	1:0 3.43	3 169,51	683.7	4.0		-5.3	14.4	1.33	0.90	17.13	
715.0	5.0 3.90	0 172.83	714.6	.9	0.9	-7.3	14.7	1,66	1.52	10.71	
746.0	3.0 4.44	176,37	745.5	8.2		-9.5	14.9	1.93	1,74	11.42	
0.777	7.0 5.01	179.75	776.4	10.7		-12.1	15.0	2.05	1.84	10.90	
807.0	7.0 5.57	7 180.46	806.3	13.5		-14.9	15.0	1,88	1.87	2.37	
838.0	3.0 6.15	5 183.80	837.1	16.6		-18.0	14.9	2.17	1.87	10.77	
869.0	9.0 6.55	5 186.79	867.9	20.1		-21.4	14.6	1.67	1.29	9.65	
0'006	77.9 6.77	189.91	898.7	23.7		-25.0	14.1	1.37	0.71	10.06	
931.0	1.0 6.90	0 192,19	929.5	27.3		-28.6	13.3	26.0	0.45	7,35	
961.0	1.0 7.21	192,54	959.3	31.0		-32,2	12.6	1.04	1.03	1.17	
992.0	2.0 7.60	0 193.42	0.066	34.9		-36.1	11.7	1.31	1.26	2.84	
1,023,0	3,0 8.13	3 192.37	1,020.7	39.1		-40.2	10.7	1.77	1.71	-3.39	
1,054.0	4.0 8.48	8 193.68	1,051.4	43.6		-44.6	6.6	1.28	1.13	4.23	
1,099.0	9.0 9.23	3 192.76	1,095.9	50.4		-51.3	8.1	1.70	1.67	-2.04	
1,145.0	5,0 9,49	9 192,45	1,141.2	57.8		-58.6	6.5	0.58	0.57	-0.67	
1,189.0	9.0 9.75	5 192.92	1,184.6	65.1		-65.8	4.9	0.62	0.59	1.07	



(c) (c) (distribute) (ustr) (u	Company: NE Project: US Site: SE Well: 2-2-4 Wellbore: Wc	NEWFIELD EXPLORATION USGS Myton SW (UT) SECTION 23 T9, R15 2-26-9-15 Wellbore #1	ORATION (UT) R15					Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database:	ite Reference: 3: ion Method:	Well 2-26-9-15 2-26-9-15 @ 6372.0usft (SS #1) 2-26-9-15 @ 6372.0usft (SS #1) True Minimum Curvature EDM 5000.1 Single User Db	2.0usft (SS #1) 2.0usft (SS #1) e e User Db
(7)         (1017) <th>Survey</th> <th><u> </u></th> <th>Azi (azimuth</th> <th></th> <th>QAL</th> <th>Sec.</th> <th>S/N</th> <th>E/W</th> <th>DLeg</th> <th>Build</th> <th>Turn</th>	Survey	<u> </u>	Azi (azimuth		QAL	Sec.	S/N	E/W	DLeg	Build	Turn
10.20     191,71     1,229.9       10.62     191,95     1,275.2       11.29     191,35     1,275.2       11.29     191,35     1,319.4       12.41     190.56     1,499.4       12.41     192.54     1,499.4       13.14     192.54     1,499.4       13.62     190.96     1,490.7       14.50     188.10     1,540.7       15.21     188.29     1,629.6       15.22     184.90     1,717.5       15.26     184.90     1,717.5       15.26     184.90     1,717.5       15.26     184.90     1,717.5       15.26     184.37     1,717.5       15.27     183.65     1,934.4       14.77     183.53     1,934.4       15.26     183.05     1,934.4       15.69     182.61     2,197.4       15.95     186.39     2,197.4       15.95     185.86     2,284.1       15.95     185.86     2,284.1       15.95     185.86     2,328.3       15.95     185.60     2,328.3       15.95     185.60     2,328.3       15.95     185.60     2,328.3       15.95     185.60     2,328.3	(nsft)	e.	(3)		(usft)	(usft)	11	(nstt)	2	(°/100usft)	(°/100usft)
10.62     191.95     1,275.2       11.29     191.35     1,319.4       11.77     190.56     1,364.4       12.41     192.84     1,409.4       13.14     192.54     1,454.3       13.62     190.96     1,496.1       14.50     188.10     1,585.2       14.91     188.29     1,629.6       15.21     187.00     1,673.1       15.47     184.90     1,777.5       15.60     184.85     1,804.2       15.26     184.99     1,848.5       15.26     183.65     1,804.2       15.26     183.65     1,938.4       14.77     183.53     1,978.8       15.00     182.00     2,023.2       16.00     182.61     2,197.4       15.00     186.39     2,284.1       15.95     185.86     2,284.1       15.95     185.86     2,284.1       15.95     185.60     2,328.3	1,235.0	10		91.71	1,229,9	73.0	-73.6	3.2	1.08	0.98	-2.63
11.29     191.35     1,319.4       11.77     190.56     1,364.4       12.41     192.48     1,409.4       13.14     192.54     1,454.3       13.62     190.96     1,496.1       14.50     188.10     1,585.2       14.91     188.29     1,585.2       15.21     187.00     1,673.1       15.47     184.90     1,777.5       15.60     184.85     1,804.2       15.25     184.99     1,848.5       15.26     184.85     1,804.2       15.26     183.84     1,804.2       15.26     183.84     1,804.2       15.26     183.05     1,978.8       15.16     182.00     2,023.2       16.00     182.61     2,197.4       15.60     186.39     2,284.1       15.91     185.86     2,284.1       15.95     185.86     2,284.1       15.95     185.86     2,284.1       15.95     185.60     2,328.3	1,281.0	10		31,95	1,275.2	81.3	-81.7	1,5	0.92	0.91	0,52
11.77     190.56     1,364.4       12.41     192.48     1,409.4       13.62     190.96     1,454.3       13.62     190.96     1,496.1       14.50     188.10     1,540.7       15.03     188.29     1,629.6       15.21     187.00     1,673.1       15.24     184.37     1,717.5       15.26     184.85     1,804.2       15.25     183.65     1,934.4       14.77     183.05     1,934.4       15.16     182.01     2,023.2       15.60     182.61     2,023.2       15.60     182.61     2,197.4       15.60     186.39     2,197.4       15.60     186.39     2,238.3       15.95     186.50     2,224.1       15.91     185.60     2,228.3       15.95     185.60     2,228.3       15.95     185.60     2,228.3       15.95     185.60     2,228.3       15.95     185.60     2,228.3       15.95     185.60     2,228.3       15.95     185.60     2,228.3	1,326.0	#		91.35	1,319.4	8.68	-90,1	-0.3	1,51	1.49	-1.33
12,41     192,48     1,409,4       13,14     192,54     1,454,3       13,62     190,96     1,496,1       14,50     188,10     1,540,7       15,03     188,29     1,629,6       15,21     187,00     1,673,1       15,27     184,90     1,717,5       15,60     184,85     1,804,2       15,26     184,99     1,848,5       15,26     183,05     1,848,5       15,25     183,05     1,934,4       14,77     183,65     1,934,4       15,60     182,00     2,067,6       16,00     182,00     2,067,6       16,00     186,39     2,197,4       15,60     186,39     2,197,4       15,95     185,60     2,328,3       15,95     185,60     2,328,3	1,372.0	4		90.56	1,364.4	6.86	1,66-	-2.0	1,10	1.04	-1.72
13.14     192.54     1,454,3       13.62     190.96     1,496.1       14.50     188.10     1,540.7       15.03     189.33     1,585.2       14.91     188.29     1,629.6       15.21     187.00     1,673.1       15.47     184.90     1,717.5       15.60     184.85     1,804.2       15.26     184.99     1,848.5       15.26     183.05     1,934.4       14.77     183.65     1,934.4       15.69     182.00     2,023.2       16.00     182.61     2,197.4       15.60     186.39     2,197.4       15.95     185.60     2,284.1       15.95     185.60     2,328.3	1,418.0	12		32.48	1,409.4	108.5	-108.6	-3,9	1.64	1.39	4.17
13.62     190.96     1,496.1       14.50     188.10     1,540.7       15.03     188.29     1,585.2       14.91     188.29     1,629.6       15.21     187.00     1,673.1       15.47     184.90     1,777.5       15.60     184.85     1,804.2       15.25     184.99     1,848.5       15.26     184.85     1,848.5       15.25     183.05     1,934.4       14.77     183.65     1,934.4       15.69     182.00     2,067.6       16.00     182.61     2,103.0       15.60     186.39     2,197.4       15.95     186.39     2,197.4       15.95     186.50     2,284.1       15.95     185.60     2,328.3       15.95     185.60     2,328.3	1,464.0	13		12.54	1,454,3	118.6	-118.5	-6.1	1.59	1.59	0.13
14.50     188.10     1,540.7       15.03     189.33     1,585.2       14.91     188.29     1,629.6       15.21     187.00     1,673.1       15.47     184.90     1,717.5       15.60     184.85     1,804.2       15.26     184.85     1,804.2       15.26     184.89     1,848.5       15.25     183.05     1,934.4       14.77     183.65     1,934.4       15.69     182.00     2,067.6       16.00     182.61     2,109.0       15.60     186.39     2,197.4       15.60     186.39     2,241.8       15.95     185.60     2,284.1       15.95     185.60     2,328.3	1,507.0	13		96'06	1,496.1	128.5	-128,2	-8.2	1.40	1,12	-3.67
15.03       189.33       1,585.2         14.91       188.29       1,629.6         15.21       187.00       1,673.1         15.47       184.90       1,717.5         15.26       184.85       1,804.2         15.26       184.85       1,848.5         15.25       183.05       1,934.4         14.77       183.65       1,934.4         15.09       182.00       2,023.2         16.00       182.61       2,109.0         15.60       186.39       2,197.4         15.60       186.39       2,241.8         15.95       185.60       2,284.1         15.95       185.60       2,328.3	1,553.0	4		38.10	1,540,7	139.6	-139,3	-10.0	2.44	1.91	-6.22
14.91     188.29     1,629.6       15.21     187.00     1,673.1       15.47     184.90     1,717.5       15.60     184.37     1,761.8       15.26     184.99     1,848.5       15.42     183.84     1,848.5       15.25     183.05     1,934.4       14.77     183.65     1,934.4       15.69     182.00     2,067.6       16.00     182.61     2,109.0       15.60     186.39     2,197.4       15.60     186.39     2,197.4       15.95     185.60     2,284.1       15.95     185.60     2,328.3       15.95     185.60     2,328.3	1,599.0	15		39,33	1,585,2	151.3	-150.8	-11.8	1.34	1.15	2.67
15.21     187.00     1,673.1       15.47     184.90     1,717.5       15.60     184.85     1,804.2       15.26     184.99     1,848.5       15.25     183.05     1,848.5       15.25     183.05     1,934.4       14.77     183.53     1,978.8       15.69     182.00     2,067.6       16.00     182.00     2,067.6       16.00     182.61     2,109.0       15.60     186.39     2,197.4       15.60     186.52     2,241.8       15.95     185.60     2,284.1       15.95     185.60     2,328.3	1,645.0	41		38.29	1,629.6	163.2	-162.6	-13.6	0.64	-0.26	-2.26
15.47     184.90     1,717,5       15.60     184.85     1,761.8       15.26     184.85     1,804.2       15.26     184.99     1,848.5       15.25     183.05     1,934.4       14.77     183.53     1,978.8       15.69     182.00     2,023.2       16.00     182.60     2,109.0       15.60     186.39     2,197.4       15.95     185.60     2,284.1       15.95     185.60     2,328.3	1,690.0	15		37.00	1,673.1	174.8	-174.2	-15.1	1.00	79.0	-2.87
15.38     184.37     1,761.8       15.60     184.85     1,804.2       15.26     184.99     1,848.5       15.42     183.84     1,891.0       15.25     183.05     1,934.4       14.77     183.53     1,978.8       15.16     181.07     2,023.2       15.69     182.00     2,067.6       16.00     182.61     2,109.0       15.60     186.39     2,197.4       15.91     185.60     2,284.1       15.95     185.60     2,328.3	1,736.0	15		34.90	1,717,5	187.0	-186.3	-16.4	1.33	0.57	-4.57
15.60     184.85     1,804.2       15.26     184.99     1,848.5       15.25     183.05     1,934.4       14.77     183.53     1,978.8       15.16     181.07     2,023.2       15.69     182.00     2,067.6       16.00     182.61     2,109.0       15.60     186.39     2,197.4       15.60     186.52     2,241.8       15.95     185.60     2,328.3       15.95     185.60     2,328.3	1,782.0	15		34.37	1,761.8	199.2	-198.5	-17.4	0.36	-0.20	-1.15
15.26     184.99     1,848.5       15.42     183.84     1,891.0       15.25     183.65     1,934.4       14.77     183.53     1,978.8       15.16     181.07     2,023.2       15.69     182.00     2,067.6       16.00     182.61     2,109.0       15.95     186.39     2,197.4       15.91     185.50     2,241.8       15.95     185.60     2,284.1       15.95     185.60     2,328.3	1,826.0	15		34.85	1,804.2	211.0	-210.2	-18,3	0.58	0.50	1.09
15.42     183.84     1,891.0       15.25     183.05     1,934.4       14.77     183.53     1,978.8       15.16     181.07     2,023.2       15.69     182.61     2,109.0       15.95     184.19     2,153.2       15.60     186.39     2,153.2       15.60     186.52     2,241.8       15.91     185.60     2,284.1       15.95     185.60     2,328.3	1,872.0	15		34.99	1,848.5	223.2	-222.4	-19.4	0.74	-0.74	0:30
15.25     183.05     1,934.4       14.77     183.53     1,978.8       15.16     181.07     2,023.2       15.69     182.00     2,067.6       16.00     182.61     2,109.0       15.95     184.19     2,153.2       15.60     186.39     2,197.4       15.91     185.60     2,284.1       15.95     185.60     2,328.3	1,916.0	15		33.84	1,891.0	234.9	-234.0	-20.3	0.78	0.36	-2.61
14.77     183.53     1,978.8       15.16     181.07     2,023.2       15.69     182.00     2,067.6       16.00     182.61     2,109.0       15.95     184.19     2,197.4       15.60     186.39     2,197.4       15.91     185.60     2,284.1       15.95     185.60     2,328.3	1,961.0	15		33.05	1,934.4	246.8	-245.9	-21.0	09.0	-0.38	-1.76
15.16     181.07     2,023.2       15.69     182.00     2,067.6       16.00     182.61     2,109.0       15.95     184.19     2,153.2       15.60     186.39     2,157.4       15.60     186.52     2,241.8       15.91     185.60     2,284.1       15.95     185.60     2,328.3	2,007.0	14		33.53	1,978.8	258.7	-257.8	-21.7	1.08	-1.04	1.04
15.69     182.00     2,067.6       16.00     182.61     2,109.0       15.95     184.19     2,153.2       15.60     186.39     2,197.4       15.60     186.52     2,241.8       15.91     185.60     2,284.1       15.95     185.60     2,328.3	2,053.0	15		31.07	2,023,2	270.5	-269.6	-22.2	1.62	0.85	-5.35
16.00     182,61     2,109.0       15.95     184,19     2,153.2       15.60     186.39     2,197.4       15.60     186.52     2,241.8       15.91     185.60     2,284.1       15.95     185.60     2,328.3	2,099.0	15		32.00	2,067.6	282.7	-281.9	-22.5	1.27	1,15	2.02
15.95     184.19     2,153.2       15.60     186.39     2,197.4       15.60     186.52     2,241.8       15.91     185.86     2,284.1       15.95     185.60     2,328.3	2,142.0	16		32.61	2,109.0	294.5	-293.6	-23.0	0.82	0.72	1,42
15.60     186.39     2,197.4       15.60     186.52     2,241.8       15.91     185.86     2,284.1       15.95     185.60     2,328.3	2,188.0	15		34.19	2,153.2	307.1	-306.2	-23.7	0.95	-0.11	3.43
15.60     186.52     2,241.8       15.91     185.86     2,284.1       15.95     185.60     2,328.3	2,234.0	15		36.39	2,197.4	319.6	-318.7	-24.9	1.51	-0.76	4.78
15.91     185.86     2,284.1       15.95     185.60     2,328.3	2,280.0	15		36.52	2,241.8	332.0	-331.0	-26.3	0.08	0.00	0.28
15.95 185.60 2,328,3	2,324.0	15		35.86	2,284.1	343.9	-342.8	-27.5	0.81	0.70	-1.50
	2,370.0	15		35.60	2,328.3	356.6	-355.4	-28.8	0.18	60.0	-0.57
15.78 188.72 2,371.6	2,415.0	15		188.72	2,371.6	368.9	-367.6	-30.3	1.93	-0.38	6.93

Payzone Directional End of Well Report

Payzone Directional
End of Well Report

Company: Project: Site: Well: Wellschelling	NEWFIELD EXPLORATION USGS Myton SW (UT) SECTION 23 T9, R15 2-26-9-15 Wellbore #1 Actual	NOIL				Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database:	te Reference: :: on Method:	Well 2-26-9-15 2-26-9-15 @ 6372.0usft (SS #1) 2-26-9-15 @ 6372.0usft (SS #1) True Minimum Curvature EDM 5000.1 Single User Db	2.0usft (SS #1) 2.0usft (SS #1) re le User Db	
Survey										
QW (Hall)	inc (e)	Azi (azimuth)	QAL (#sil)	V. Sec	N/S (usff)	E/W (usft)	DLeg ("/100usft)	Build (*/100usft)	Turn (*/100usft)	
2,461.0		189,33	2,415.9	381.2	-379.9	-32.3	69.0	-0.59	1.33	
2,507.0	7.0 15.56	189,16	2,460.2	393.5	-392.0	-34.3	0.15	0.11	-0.37	
2,553.0	3.0 15.60	188.54	2,504.5	405.8	-404.2	-36.2	0.37	60.0	-1,35	
2,598.0	8.0 15.69	190,21	2,547.9	417.9	-416,2	-38.1	1.02	0.20	3.71	
2,644.0	4.0 16.00	189.16	2,592,1	430.5	-428.6	-40,2	0.92	0.67	-2.28	
2,690.0	0.0 16.83	188.32	2,636.3	443.4	-441.4	-42.2	1.88	1.80	-1.83	
2,736,0	6.0 17.53	189.16	2,680,2	457.0	-454.9	-44.3	1,61	1.52	1.83	
2,779.0	9.0 17.27	189.91	2,721.2	469.8	-467.5	-46.4	08'0	09 0-	1.74	
2,825.0	5.0 16.79	189.82	2,765.2	483.2	-480.8	-48.7	1.05	-1.04	-0.20	
2,871.0	1.0 16.48	189,64	2,809.3	496,4	-493,8	-50.9	89'0	-0.67	-0.39	
2,917.0	7.0 17.01	188.85	2,853.3	509.6	-506.9	-53.1	1.25	1.15	-1,72	
2,960.0	0.0 16.22	187,97	2,894,5	521.8	-519,0	-54.9	1.93	-1.84	-2.05	
3,006.0	6.0 14.28	187.66	2,938.9	533,9	-531,0	-56.5	4.22	-4.22	-0.67	
3,052.0	2.0 14.41	186.70	2,983.5	545.3	-542.3	-57.9	0.59	0.28	-2.09	
3,098.0	8.0 15.07	186.04	3,028.0	557.0	-554.0	-59.2	1.48	1,43	-1.43	
3,144.0	4.0 15.71	185.00	3,072.3	569.2	-566.1	-60,4	1,52	1.39	-2.26	
3,189.0	9.0 15.51	184,19	3,115.7	581,3	-578.2	-61.4	99.0	-0.44	-1.80	
3,235.0	5.0 15,73	183,38	3,160.0	593.7	-590,5	-62,2	29'0	0.48	-1.76	
3,281.0	1.0 16.44	182.96	3,204.2	6.605	-603.3	-62,9	1.56	1.54	-0.91	
3,327.0	7.0 16.94	183.50	3,248.2	619,7	-616.5	-63.7	1.14	1.09	1.17	
3,372.0	2.0 16.52	184.19	3,291.3	632.6	-629,4	-64.5	1.03	-0.93	1.53	
3,418.0	8.0 16.26	185.20	3,335.5	645.6	-642.3	-65.6	0.84	-0,57	2.20	
3,464.0	4.0 16.52	183,97	3,379,6	658.6	-655,2	9 99-	0.94	0.57	-2.67	
3,510.0	0.0 16.08	183,75	3,423.7	671.5	-668.1	-67.5	0.97	96.0-	-0.48	
3,555.0	5,0 15.91	183.14	3,467.0	683,9	-680.5	-68,2	0.53	-0.38	-1.36	
3,601.0	1.0 15.38	183.62	3,511.3	696.3	-692.9	0*69-	1.19	-1.15	1.04	
3,647.0	7.0 15.78	185.42	3,555.6	708.6	-705,2	6.69-	1.36	78.0	3.91	

Page 5

### Payzone Directional End of Well Report



Wellbore: Wellbo Design: Actual	2-26-9-15	SECTION 23 T9, R15 2-26-9-15				TVD Reference: MD Reference: North Reference:		2-26-9-15 @ 6372.0usft (SS #1) True	.ousft (SS #1)	
	Wellbore #1 Actual					Survey Calculation Method: Database:	:pot	Minimum Curvature EDM 5000.1 Single User Db	e 9 User Db	
Survey			To all parts							
MD	<u>21</u>	Azi (azimuth)	QVT.	V. Sec	N/S	E/W DLeg	5	Build	Turn	
(usft) 3 693 0	16.04	(7)	(usrt)	(usn)	(usn) -717.8	6.02-	1.35	0.57	4.48	
3 739 0	15.82	182.87	3.644.1	733,8	-730.4	-71.6	0.56	-0.48	-1.07	
3,784.0	16.17	184.46	3,687.3	746.2	-742.8	-72.4	1,25	0.78	3,53	
3,830,0	16.39	184 98	3,731.5	759.1	-755.6	-73.4	0.57	0.48	1,13	
3,874.0	16,13	184 94	3,773.7	771,5	-767.9	-74.5	0.59	-0.59	60"0-	
3,920.0	15,69	184.19	3,818.0	784.1	-780.5	-75.5	1.06	96'0-	-1.63	
3,964.0	15.38	184.72	3,860.4	795.9	-792,2	-76.4	0.77	-0.70	1.20	
4,008.0	15.34	185,60	3,902.8	807.5	-803,8	-77.5	0.54	60'0-	2.00	
4,053.0	15.56	185.51	3,946.2	819.5	-815.7	-78.6	0.49	0.49	-0.20	
4,097.0	15,69	186.61	3,988.5	831.3	-827,5	-79.9	0.74	0.30	2,50	
4,143.0	15.60	185 29	4,032.8	843.7	-839,9	-81.2	0.80	-0.20	-2.87	
4,189.0	15.82	183.01	4,077.1	856.2	-852.3	-82.1	1.42	0.48	-4.96	
4,233.0	15.78	182.87	4,119.4	868.2	-864.2	-82.7	0.13	60 0-	-0.32	
4,277.0	15.47	184.15	4,161.8	880.0	-876.1	-83.4	1.05	-0.70	2.91	
4,322.0	15.86	187.09	4,205.2	892.2	-888,2	-84.6	1.97	0.87	6.53	
4,366.0	16.30	186.65	4,247.4	904.3	6.006-	-86.1	1.04	1.00	-1.00	
4,412.0	16.39	184.50	4,291.6	917.3	-913.1	87.3	1,33	0.20	-4.67	
4,458.0	16.22	185.03	4,335.7	930,2	-926.0	-88,4	0.49	-0.37	1,15	
4,504.0	15.19	184.66	4,380.0	942.6	-938,4	-89.4	2,25	-2.24	-0.80	
4,550.0	15.21	181.91	4,424,4	954.7	-950.5	-90.1	1.57	0.04	-5.98	-
4,595.0	14.68	180.85	4,467.9	966.3	-962.1	-90.4	1,33	-1.18	-2.36	
4,641.0	15.16	178.04	4,512.3	978.1	-973.9	-90.3	1.89	1.04	-6.11	
4,687.0	16.00	179.09	4,556.6	6.066	-986.2	0.06-	1,93	1.83	2.28	
4,733.0	16.44	179.75	4,600.8	1,003.1	1.999.1	-89.9	1.04	96.0	1.43	
4,777.0	16.39	179.71	4,643.0	1,015.5	-1,011,5	89.8	0.12	-0.11	60.0-	
4,822.0	16.53	181.05	4,686.2	1,028.2	-1,024.3	6.68-	0.00	0.31	2.98	
4,868.0	16.48	182.30	4,730.3	1,041.3	-1,037.3	-90.3	0.78	-0.11	2.72	

Page 6

## Payzone Directional End of Well Report



Company: N Project: U Site: S Well: 2 Wellore: W	NEWFIELD EXPLORATION USGS Myton SW (UT) SECTION 23 T9, R15 2-26-9-15 Wellbore #1	PLORATI W (UT) 9, R15	NO				Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method:: Database:	ite Reference: ;; ion Method:	Well 2-26-9-15 2-26-9-15 @ 6372.0usft (SS #1) 2-26-9-15 @ 6372.0usft (SS #1) True Minimum Curvature EDM 5000.1 Single User Db	2.0usft (SS #1) 2.0usft (SS #1) rre jle User Db	
Survey											
QW	lnc e		Azi (azimuth)	DVT (H)	V. Sec	N/S	E/W	DLeg ("/100usft)	Build (*/100usft)	Turn (*/100usft)	
4,914.0		16.26	185.60	4,774.4	1,054.2	-1,050.3	-91.2	2.08	-0.48	7.17	
4,959.0		16.47	188.22	4,817.6	1,066.9	-1,062.9	-92.7	1.71	0.47	5.82	
5,005.0		16.35	188.89	4,861.7	1,079_9	-1,075.7	-94.6	0.49	-0.26	1.46	
5,051.0		16.22	188,10	4,905,9	1,092.7	-1,088.5	-96.5	0.56	-0.28	-1.72	
5,097.0		15.82	187.71	4,950.1	1,105,4	-1,101.0	-98,3	06.0	-0.87	-0.85	
5,143.0		15,25	188.41	4,994.4	1,117.7	-1,113.2	-100.0	1.30	-1.24	1,52	
5,189.0		15.47	186,61	5,038.8	1,129.9	-1,125,3	-101.6	1,14	0.48	-3.91	
5,232.0		15.73	187,18	5,080.2	1,141,4	-1,136.8	-103.0	0.70	0.60	1.33	
5,278.0		15.73	188,15	5,124.4	1,153,9	-1,149.2	-104.6	0.57	00'0	2,11	
5,324.0		14.85	185,95	5,168.8	1,166.0	-1,161,2	-106.1	2.29	-1.91	-4.78	
5,368.0		13.73	181.80	5,211.5	1,176.9	-1,172.0	-106,9	3,45	-2,55	-9,43	
5,414.0		13.67	178.83	5,256,1	1,187,7	-1,182.9	-106.9	1.53	-0.13	-6.46	
5,460.0		13.32	177.56	5,300.9	1,198,4	-1,193,6	-106,6	1.00	-0.76	-2.76	
5,504.0		13.71	179.31	5,343.7	1,208.6	-1,203.9	-106.3	1.28	0.89	3,98	
5,550.0		14,41	180.85	5,388,3	1,219.7	-1,215.1	-106.4	1.73	1.52	3.35	
5,595.0		14.94	182.43	5,431.8	1,231.1	-1,226.5	-106.7	1.48	1.18	3.51	
5,641.0		15,34	183.58	5,476.2	1,243.1	-1,238.5	-107.3	1.09	0.87	2.50	
5,687.0		15.51	185.77	5,520.6	1,255.4	-1,250.7	-108.3	1.32	0.37	4.76	
5,732.0		15.52	186.95	5,563.9	1,267.4	-1,262.6	-109.6	0.70	0.02	2.62	
5,778.0		15.60	187.80	5,608.2	1,279.7	-1,274.9	-111.2	0.53	0.17	1.85	
5,824.0		15.21	186.30	5,652.6	1,291.9	-1,287.0	-112.7	1.21	-0.85	-3.26	
5,868.0		15.29	184.81	5,695.0	1,303.5	-1,298.5	-113.9	0.91	0.18	-3.39	
5,913.0		15.12	184.94	5,738.5	1,315.3	-1,310.3	-114.9	0.39	-0.38	0.29	
5,959.0		14.94	183.23	5,782.9	1,327.2	-1,322.2	-115.7	1.04	-0.39	-3.72	
0.200,9		14.70	184.50	5,827.4	1,339.0	-1,333.9	-116.5	0.88	-0.52	2.76	
6,049.0		15.03	186.74	5,869.9	1,350.3	-1,345.1	-117.6	1.51	0.75	5.09	
6,143.0		15,03	187.09	5,960.7	1,374.6	-1,369.3	-120.5	0.10	00.00	0.37	
8/19/2014 1:27:26PM					Page 7					COMPASS	COMPASS 5000.1 Build 70

Date:

Approved By:

Checked By:

ı	п	П		ŀ
ı	н	ı.		k
ı	u			ľ
		-	=	н
•	-	-	-	
_	_	_		•
_	_	7		•
		Ī		

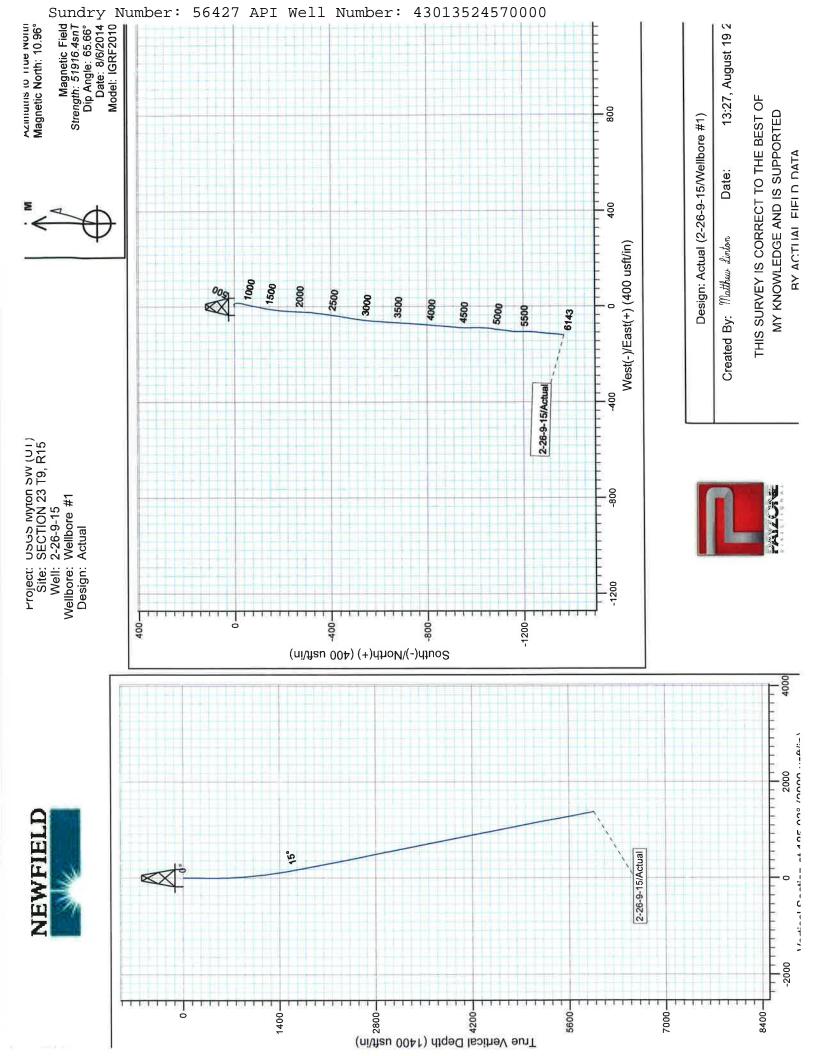
2-26-9-15 @ 6372.0usft (SS #1) 2-26-9-15 @ 6372.0usft (SS #1) EDM 5000.1 Single User Db Minimum Curvature Well 2-26-9-15 True Local Co-ordinate Reference: Survey Calculation Method: North Reference: TVD Reference: MD Reference: Database: NEWFIELD EXPLORATION USGS Myton SW (UT) **SECTION 23 T9, R15** Wellbore #1 2-26-9-15 Actual Company: Wellbore: Project: Design: Well: Site:

End of Well Report

Payzone Directional

NEWFIELD

COMPASS 5000.1 Build 70 Page 8 8/19/2014 1:27:26PM



Well Name: GMBU 2-26-9-15	u		
ob Category	n		
			Job Start Date Job End Date
aily Operations			
Report Start Date Report End Date 241 8/28/2014 NI	24hr Activity Summary NU BOPs. Ran CBL. Pressure test csg &	& BOPs. Perforate stg	1.
00:90		0	Comment Install Weatherford 5k blind rams & FMC 5K frac valve.
Start Time 08:00		0	Comment Run CBL from 6042' to surface under 0 psi. TOC @ 42'.
Start Time 10:00	End Time 12:00	0	Comment. Pressure test csg to 4300 psi for 30 min. Pressure test well control stack to 5000 psi for 10 min. Low tests of 250 -300 psi for 5 min.
Start Time 12:00	End Time 13:00	0	Comment Perforate stage 1 @ 5484-86' & 5478-80' @ 3 SPF
Start Time 13:00	End Time 00:00	0	Comment SDFN
)ate 014	24hr Activity Summary Frac & flowback 3 stages. Set kill plug. MIRUSU.	MIRUSU.	
00:00		0	Comment SDFN
		01	Comment RU frac equipment
Start Time 07:00	End Time 07:30	0,	Comment Safety meeting w/ frac & wireline crews
Start Time 07:30	End Time 08:00	0	Comment Frac stage 1 as detailed
	End Time 08:45	5	Comment Perforate stage 2 as detailed
Start Time 08:45	End Time 10:30	0.	Comment Had to rebuild frac pumps to be able to get enough rate to pump stage 2
Start Time 10:30	End Time 11:15	5	Comment Frac stage 2 as detailed
Start Time 11:15	End Time 11:45	Ž5	Comment Perforate stage 3
Start Time 11:45	End Time 12:15	5	Comment Frac stage 3 as detailed
Start Time 12:15	End Time 15:30	01	Comment Open well for flowback @ approx 3 BPM. Well flowed for 3 hours & started showing some oil & gas.
Start Time 15:30	End Time 17:00	00	Comment Set kill plug @ 4520'. Bleed pressure off well.
Start Time 17:00	End Time 19:00	00	Comment N.D. Man Frac Valve, N.U. Double Pipes Rams
Start Time 19:00	End Time 21:00	00	Comment MIRUSU.
Start Time 21:00	End Time 22:00	00	Comment Crew travel
22:00	End Time 00:00	0(	Comminent SDFN
It Date Report End Date 9/3/2014	24hr Activity Summary Pressure test BOPs. PU tbg & drill plugs	s	
Start Time 00:00	End Time 08:00	00	Comment
www.newfield.com			Page 1/3 Report Printed: 9/30/2014

NEWFIELD

NEWFIELD	Sur	Summary Rig Activity
Well Name: GMBI 2,26,9,15		
Start Time 08:00	End Time 09:00	Comment Crew travel
Start Time 09:00	End Time 12:00	Comment ASSIST IN PT BOP'S, R.D. FLOOR, R.U. TONGS & HANDRAIL, PREP & TALLY TBG (189 JNTS on LOC)
	End Time 16:00	Comment M.U. & RIH w/ 4 3/4" CHOMP MILL, BIT SUB, 2-JNTS, S/N, 133-JNTS TBG
Start Time 16:00	End Time 19:30	Comment R.U. PUMP & HARD LINE, TAG FILL @ 4464' (66' of Fill) R.U. POWER SWIVEL, CLEAN OUT TO KILL PLUG @ 4530', DRILL UP (21 MIN) SWIVEL DOWN, TAG FILL @ 4805' (65' of Fill) CLEAN OUT TO 2nd CFP @ 4870' DRILL UP (23 Min) CIRC CLEAN,
Start Time 19:30	End Time 20:30	Comment Crew travel
20:30	End Time 00:00	Comment SDFN
Report Start Date Report End Date 24hr Activity Sun 9/3/2014 Drill out rem:	24hr Activity Summary Drill out remaining plug & clean out to PBTD, Round trip tbg	
00:00		Comment SDFN
Start Time 06:00	End Time 07:00	Comment Crew travel
Start Time 07:00	End Time 08:30	Comment Check pressure on well, 0 psi tbg & csg. TIH w/ tbg & tag @ 5236' (90' of fill).
Start Time 08:30	End Time 10:00	Comment RU power swivel & pump. Circulate well
Start Time 10:00	End Time 11:30	Comment Clean out to 3rd plug @ 5326'. Drill out plug in 25 min
	End Time 13:00	Comment PU tbg & clean out to PBTD @ 6071. Circulate well clean. RD power swivel
Start Time 13:00	End Time 15:00	Comment LD 15-jts tbg, TOOH w/ 169- jts tbg & LD BHA.
Start Time 15:00	End Time 17:00	Comment MIU BHA & TIH w/ production tbg as follows: Purge valve, 2- jts tbg. desander, 4' pup jt, 1-jt tbg, SN, 1- jt tbg, TAC & 165- jts tbg. Set TA @ 5465'
Start Time 17:00	End Time 18:00	Comment RD rig floor. ND BOPs. NU wellhead.
	End Time 19:00	Comment Crew travel
19:00	End Time 00:00	Comment SDFN
1 Date Report End Date 2014 9/5/2014	24hr Activity Summary PU pump & rods. PWOP	
00:00	End Time 06:00	Comment SDFN
Start Time 06:00	End Time 07:00	Comment Crew travel & safety mtg
Start Time 07:00	End Time 08:30	Comment Csg 0 psi. NU WH, spot in rod trailer, change over to rod equip.
Start Time 08:30	End Time 13:00	Comment PI & fill Weatherford pump (#4110 2.5X1.75X22' RHAC Steel BBL 5' SM Grooved plunger 185" SL) RIH w/pump, PU 30-7/8" 8per, 63-3/4" 4 per, 16-3/4" 8per, 41-3/4" 4per, 68-7/8" 4per rods, space out w/2',4', 6', 8'X7/8" pony rods, 1 1/2'X30' polish rod, seat pump @ 5501.18'.
www.newfield.com		Page 2/3 Report Printed: 9/30/2014

Sundry Number: 56427 API Well Number: 43013524570000 Report Printed: 9/30/2014 Comment
Fill tbg, stroke test w/rig to 800#-good test. Hang well on.
Comment
Drain pump, rack out hard line & flowback line. RD rig, load equip. Clean up location.
Comment
Move rig to U-15-9-15 Summary Rig Activity Page 3/3 Crew travel 14:00 16:00 17:00 18:00 End Time End Time End Time End Time Well Name: GMBU 2-26-9-15 13:00 14:00 16:00 17:00 NEWFIELD www.newfield.com Start Time Start Time Start Time Start Time

	STATE OF UTAH		FORM 9
ı	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-66185
SUNDR	Y NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significantly de reenter plugged wells, or to drill horizont n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: GMBU 2-26-9-15
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	DMPANY		<b>9. API NUMBER:</b> 43013524570000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		PHONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0713 FSL 1818 FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH	HP, RANGE, MERIDIAN: 3 Township: 09.0S Range: 15.0E Meridia	n: S	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	✓ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT     Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
9/4/2014		OTHER	
	WILDCAT WELL DETERMINATION		OTHER:
The above well w hours. Production	completed operations. Clearly show all ras placed on production on ( Start sundry re-sent on 12/19 It 9/12/2014) not found in UD	09/04/2014 at 16:15 9/2014 due to original	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 19, 2014
NAME (PLEASE PRINT) Jennifer Peatross	<b>PHONE NUMBE</b> 435 646-4885	R TITLE Production Technician	
SIGNATURE N/A		<b>DATE</b> 12/19/2014	